

FIG. 1

FIG. 2A

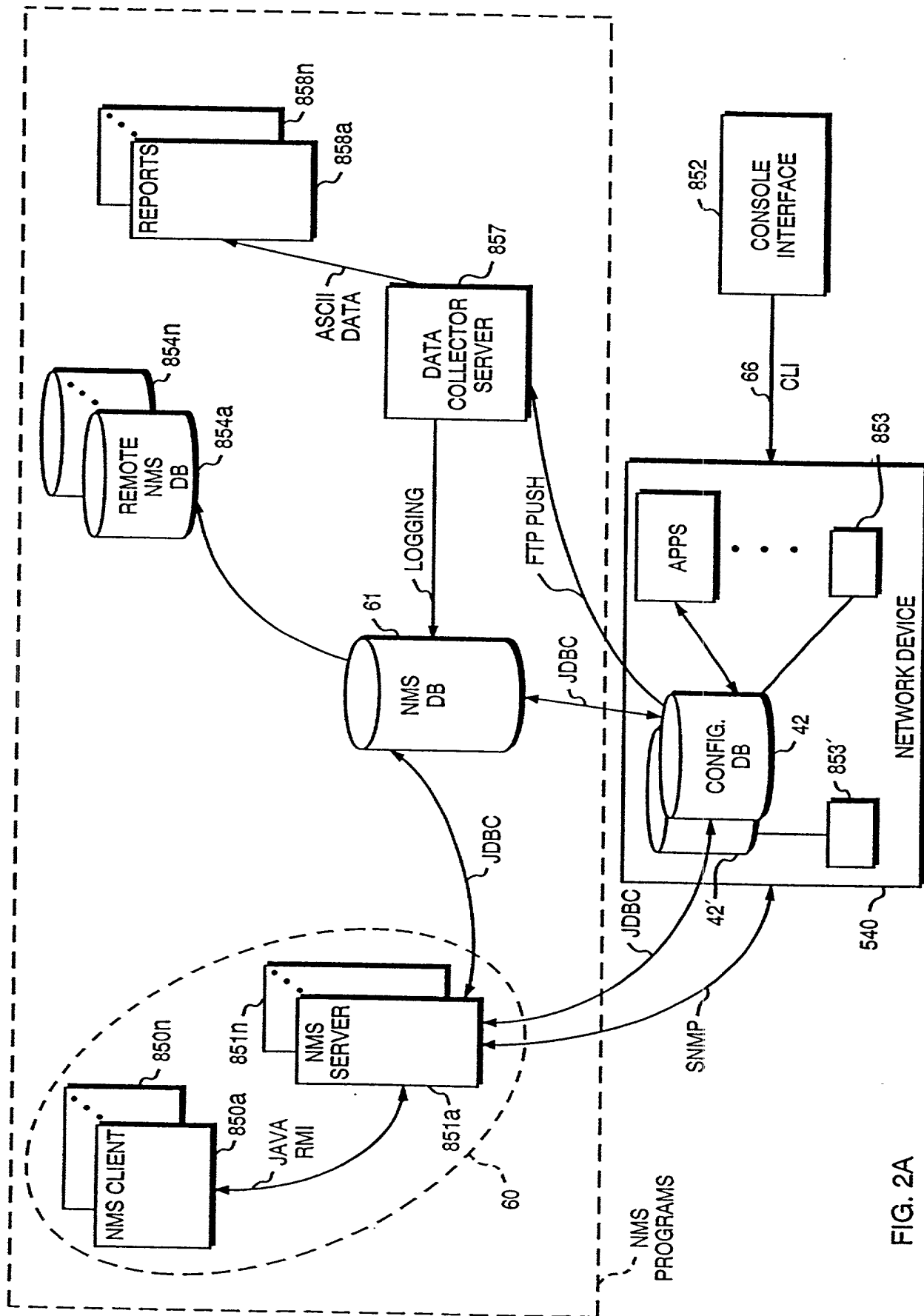


FIG. 2A

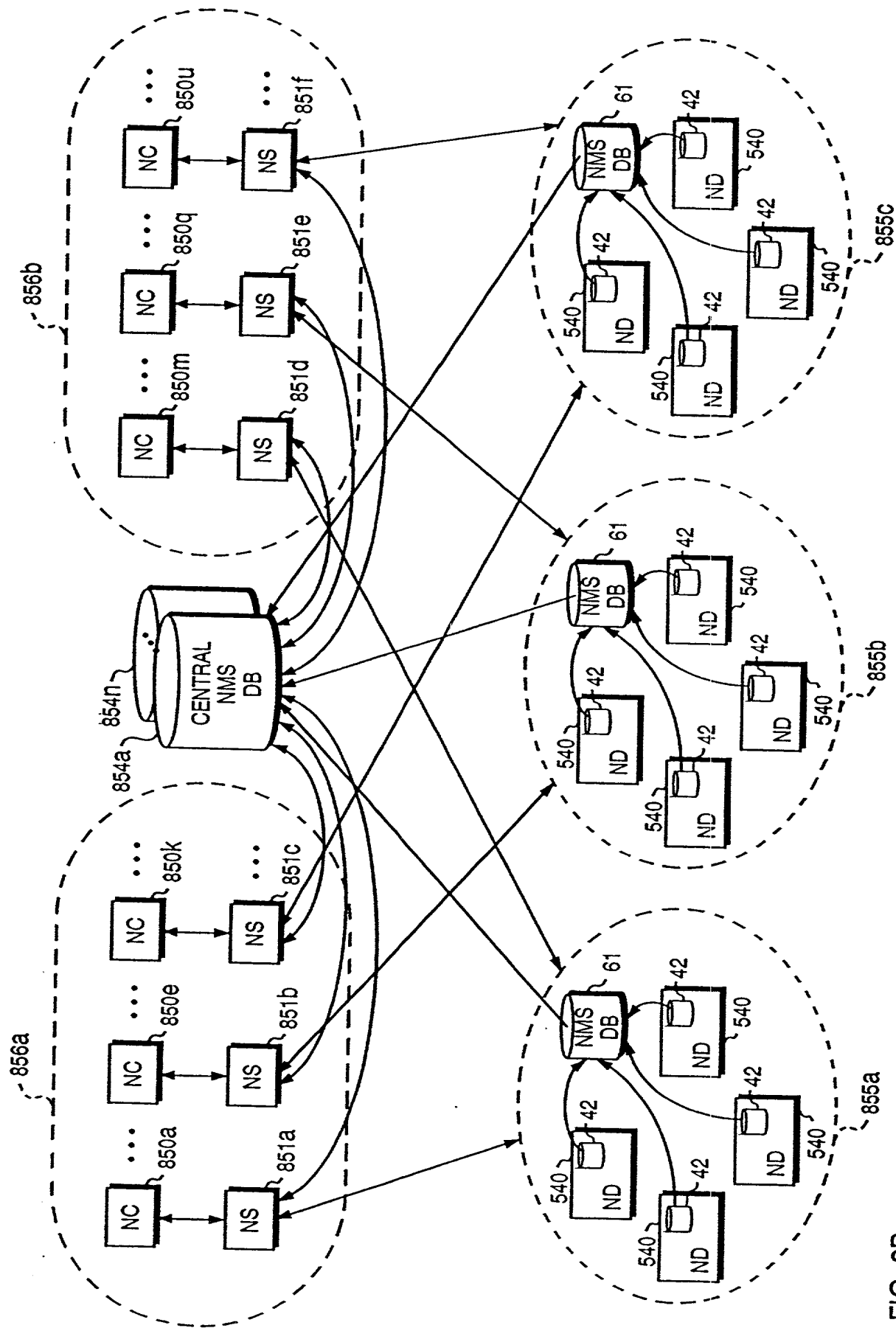


FIG. 2B

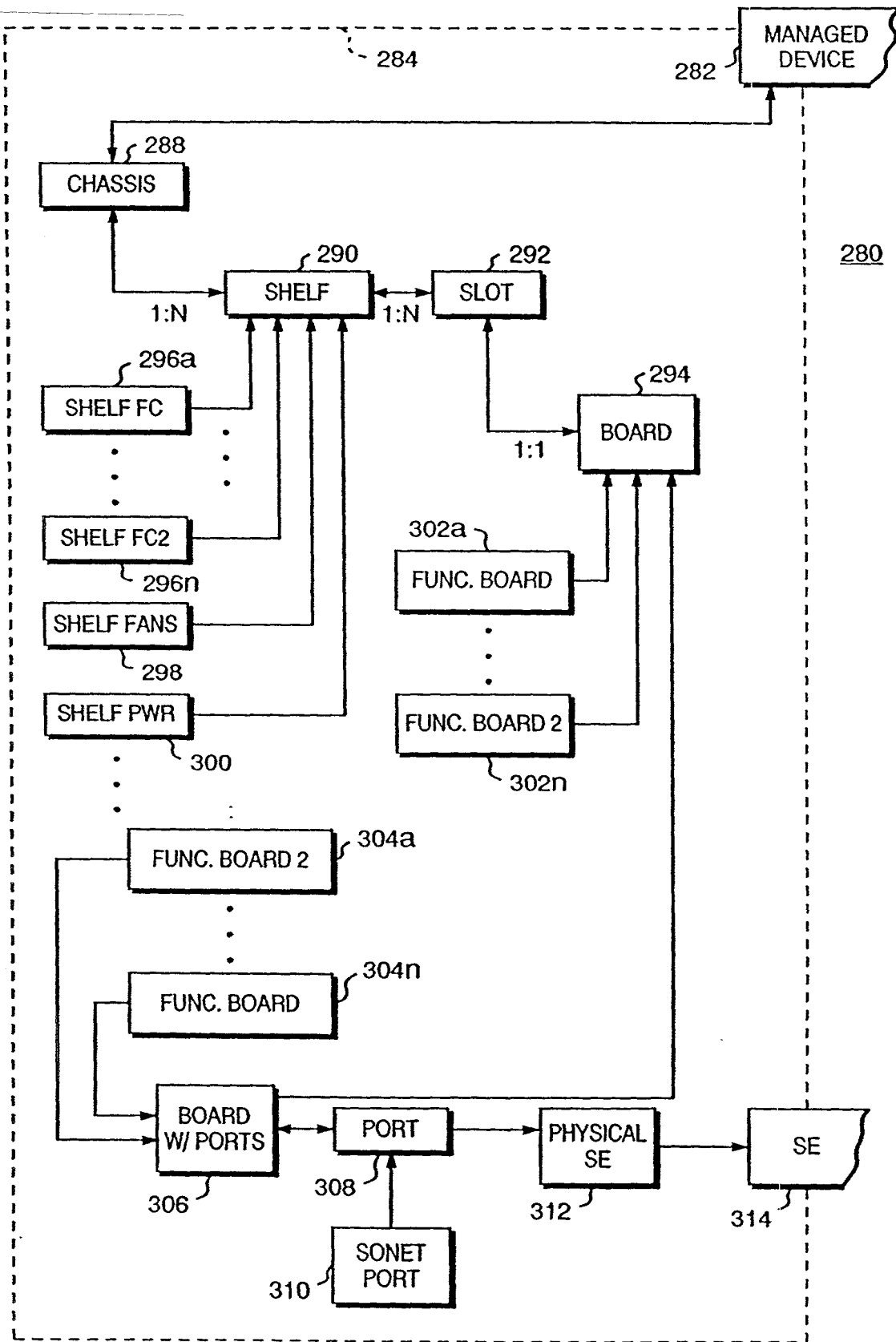


FIG. 3A

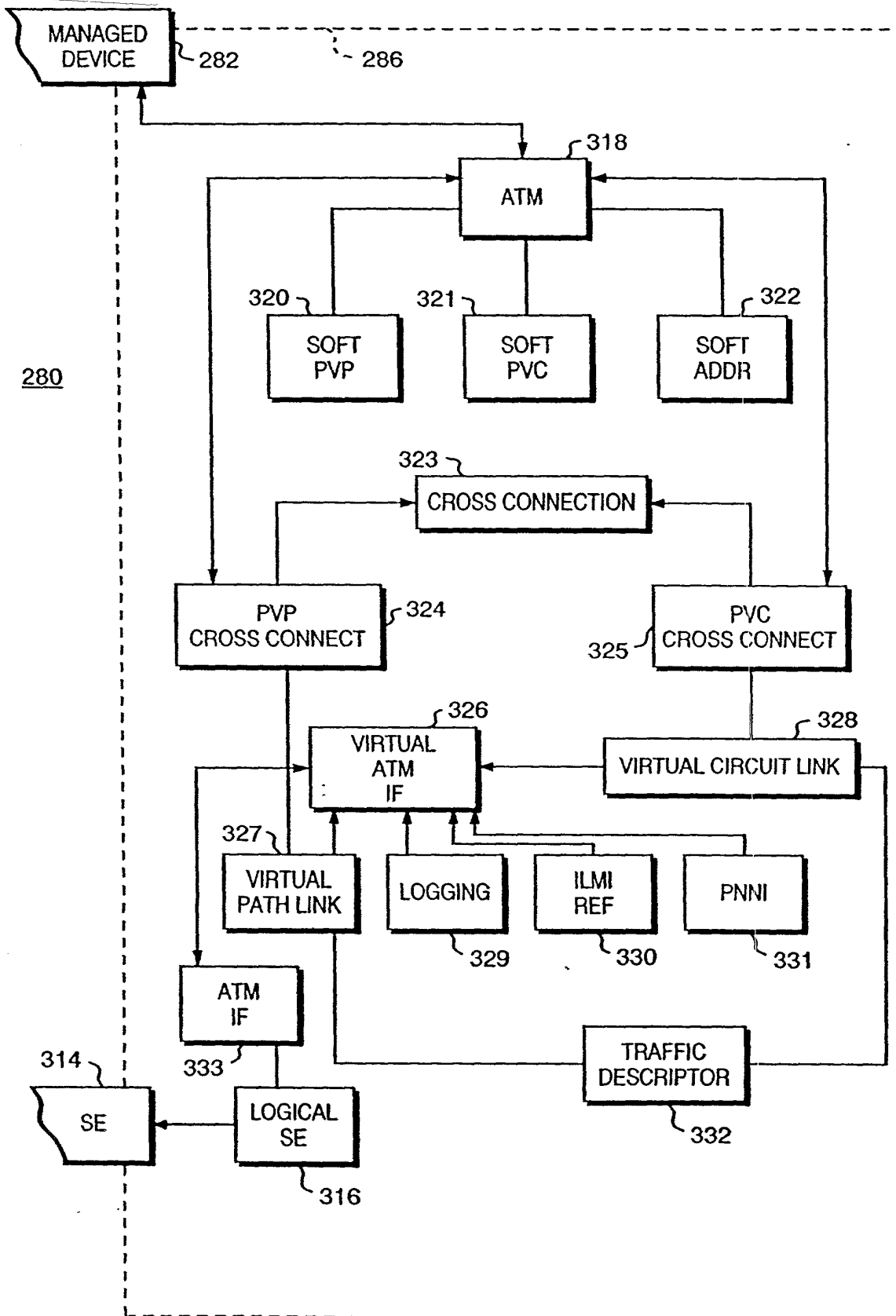


FIG. 3B

FO/280" 36595/60

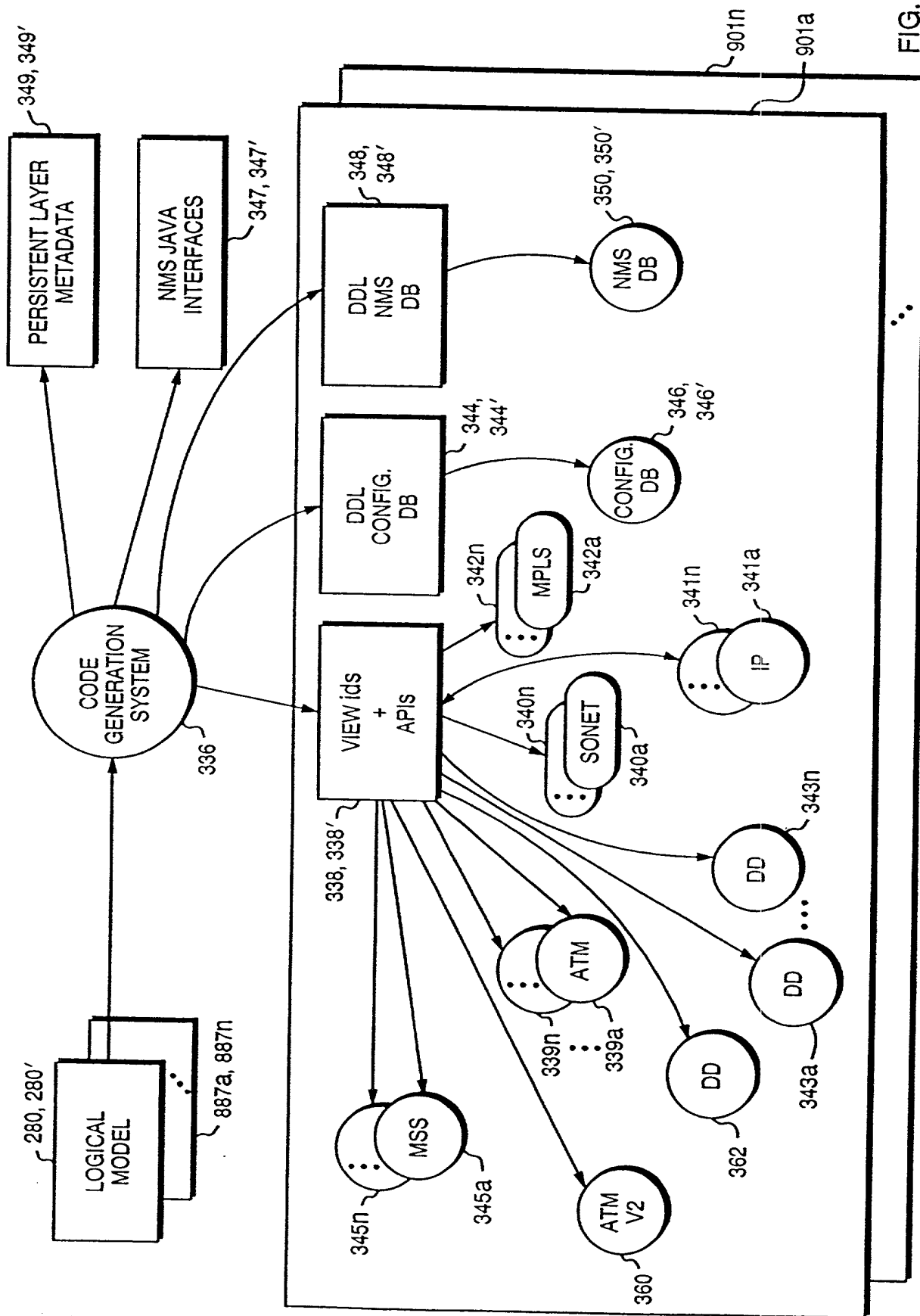


FIG. 3C

FIG. 3D

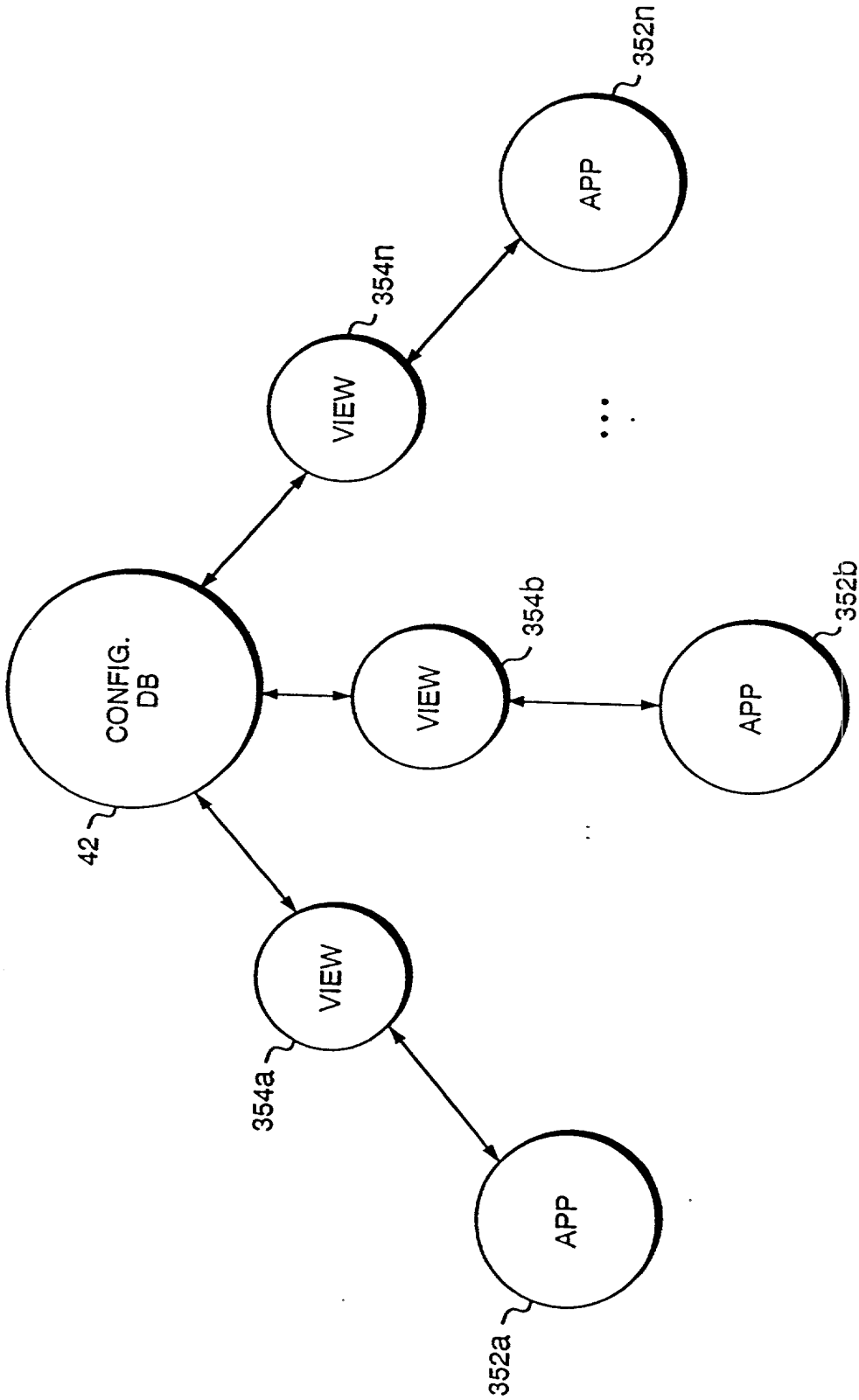


FIG. 3D

FIG. 3E

BUILD SONET APPLICATION

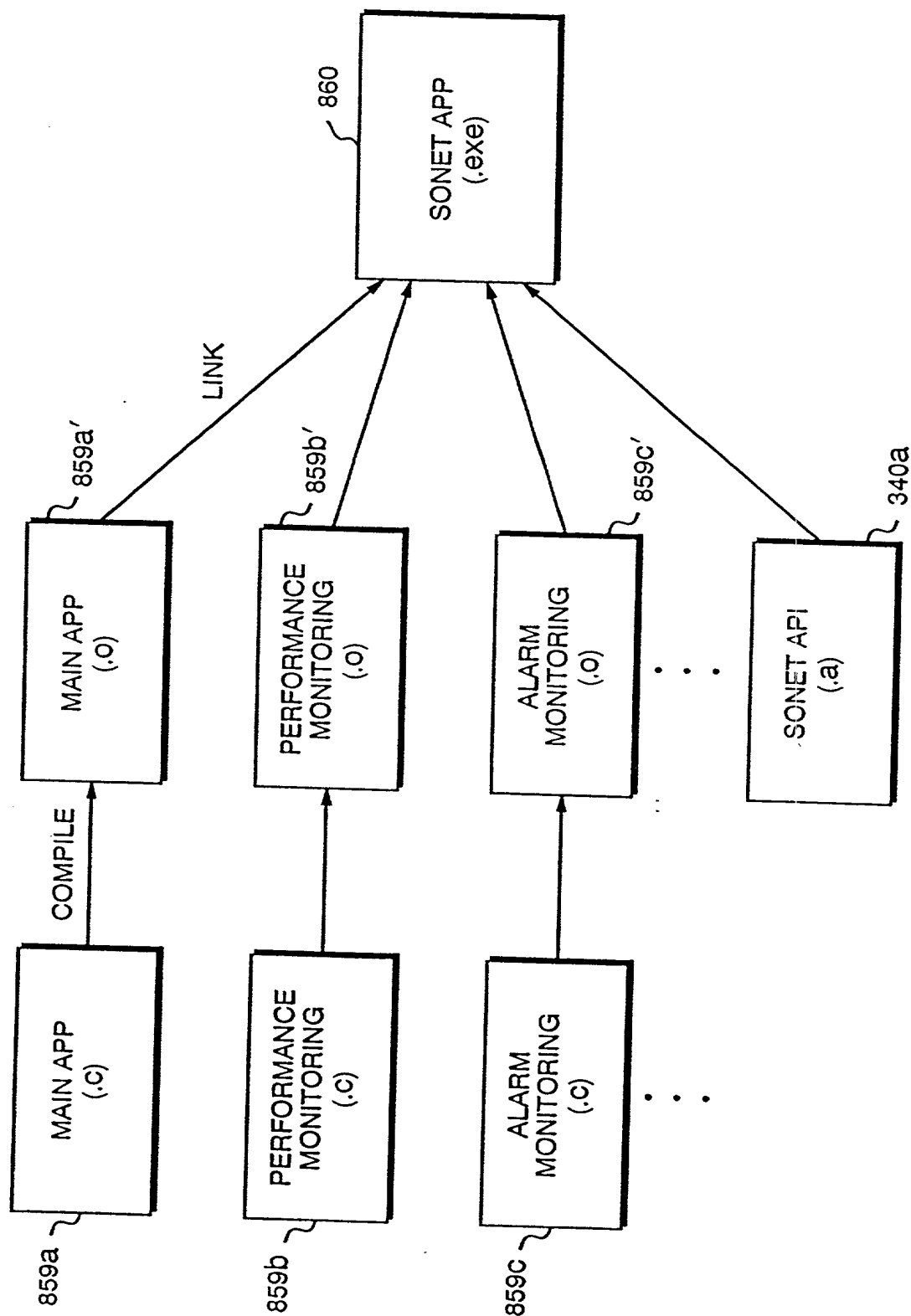


FIG. 3E

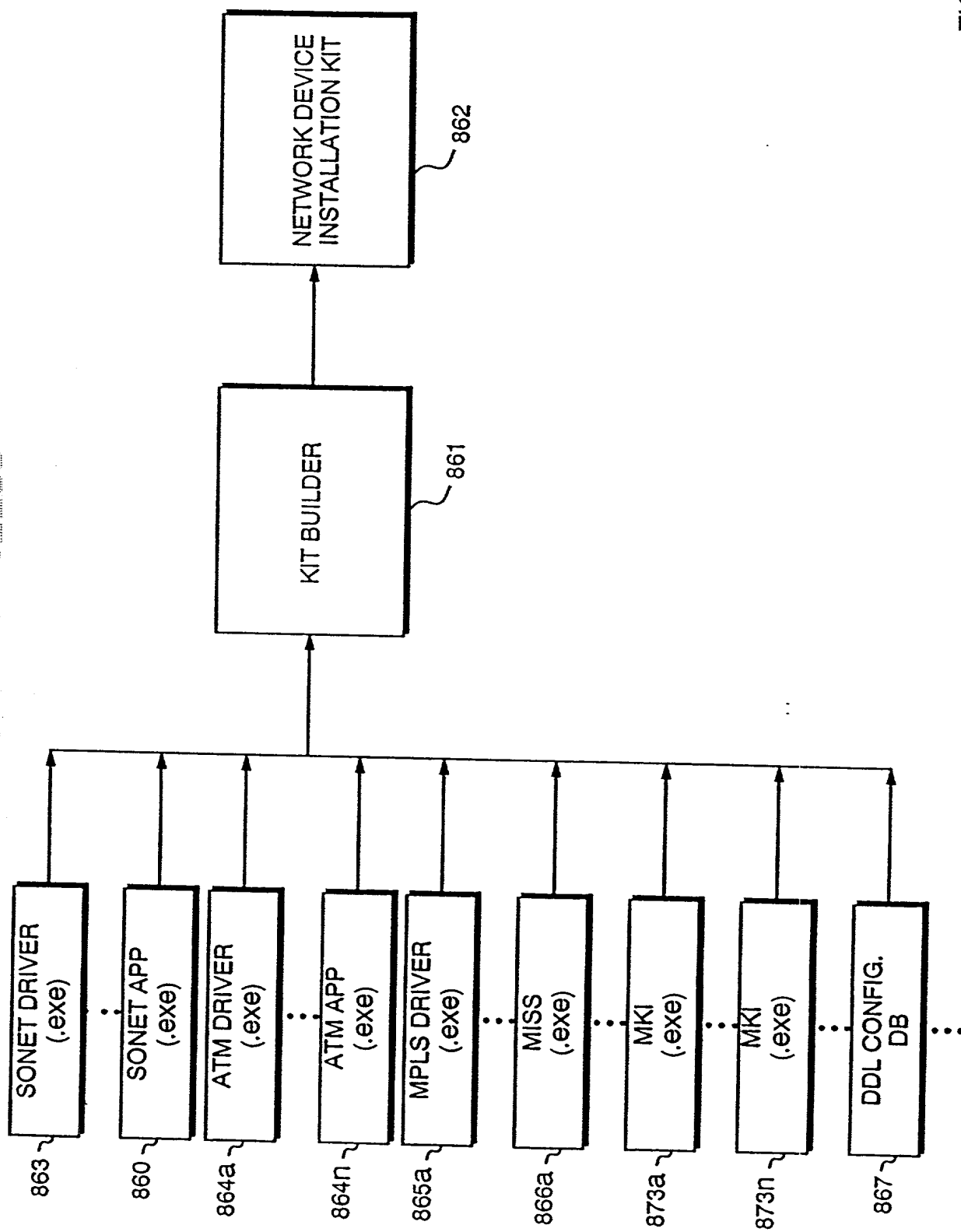


FIG. 3F

FIG. 3G

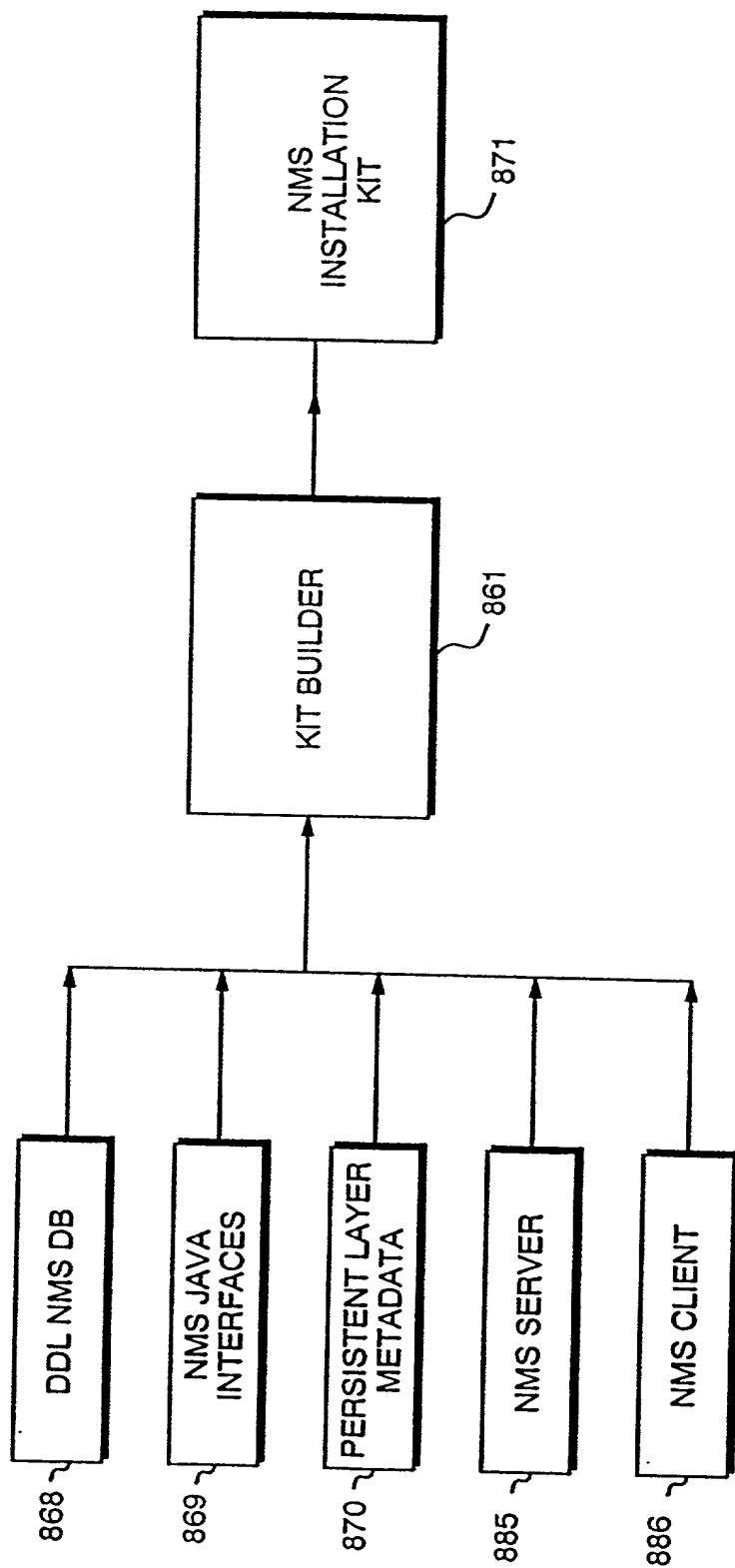


FIG. 3G

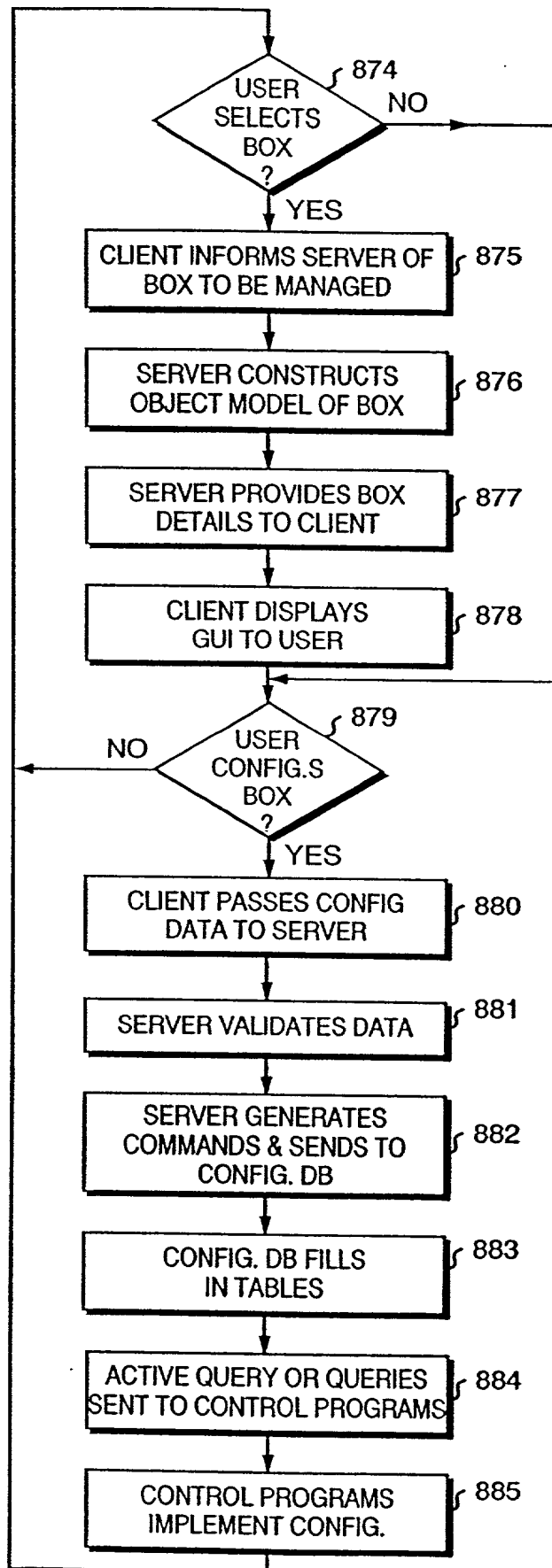


FIG. 3H

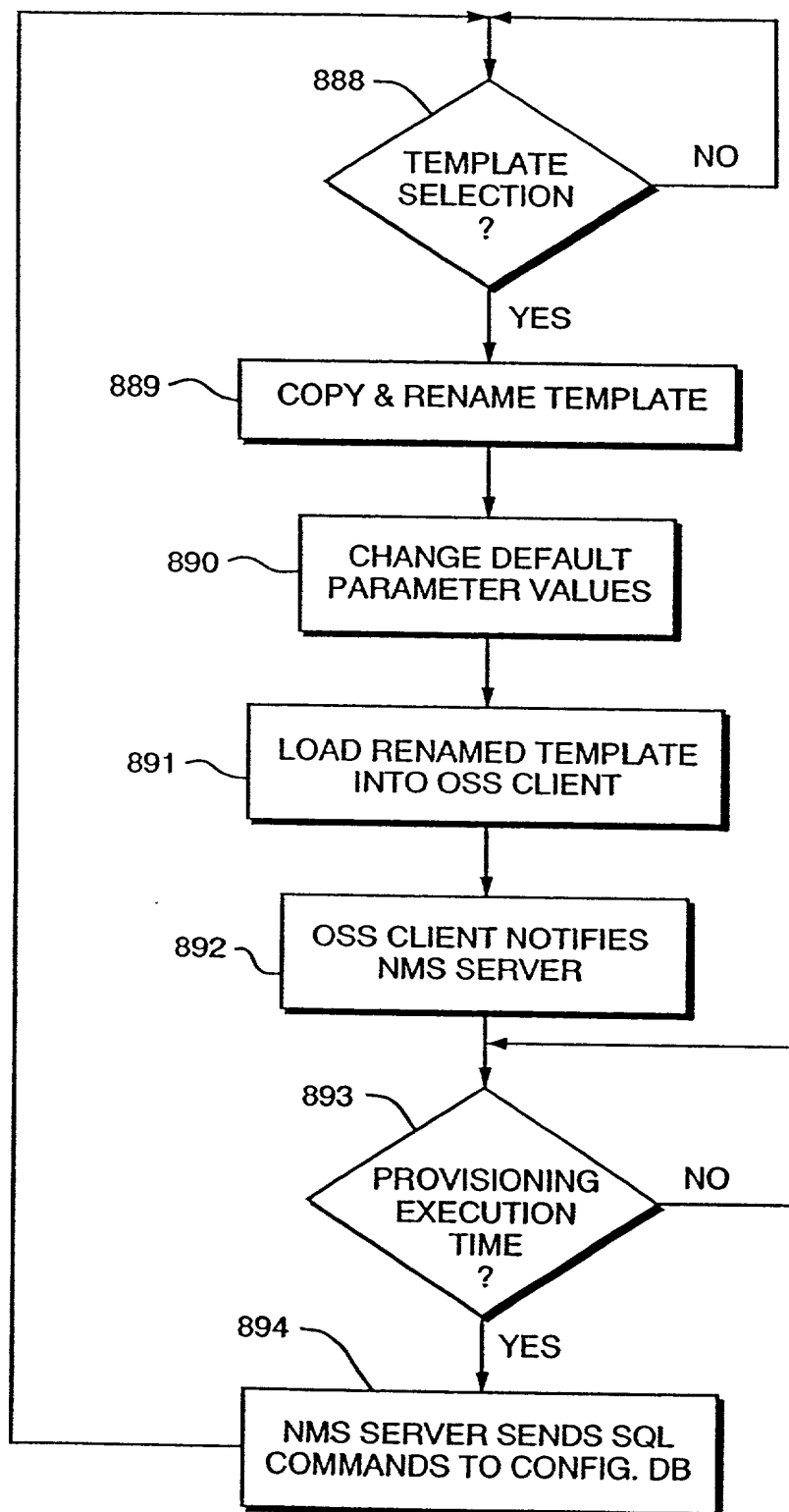


FIG. 3I

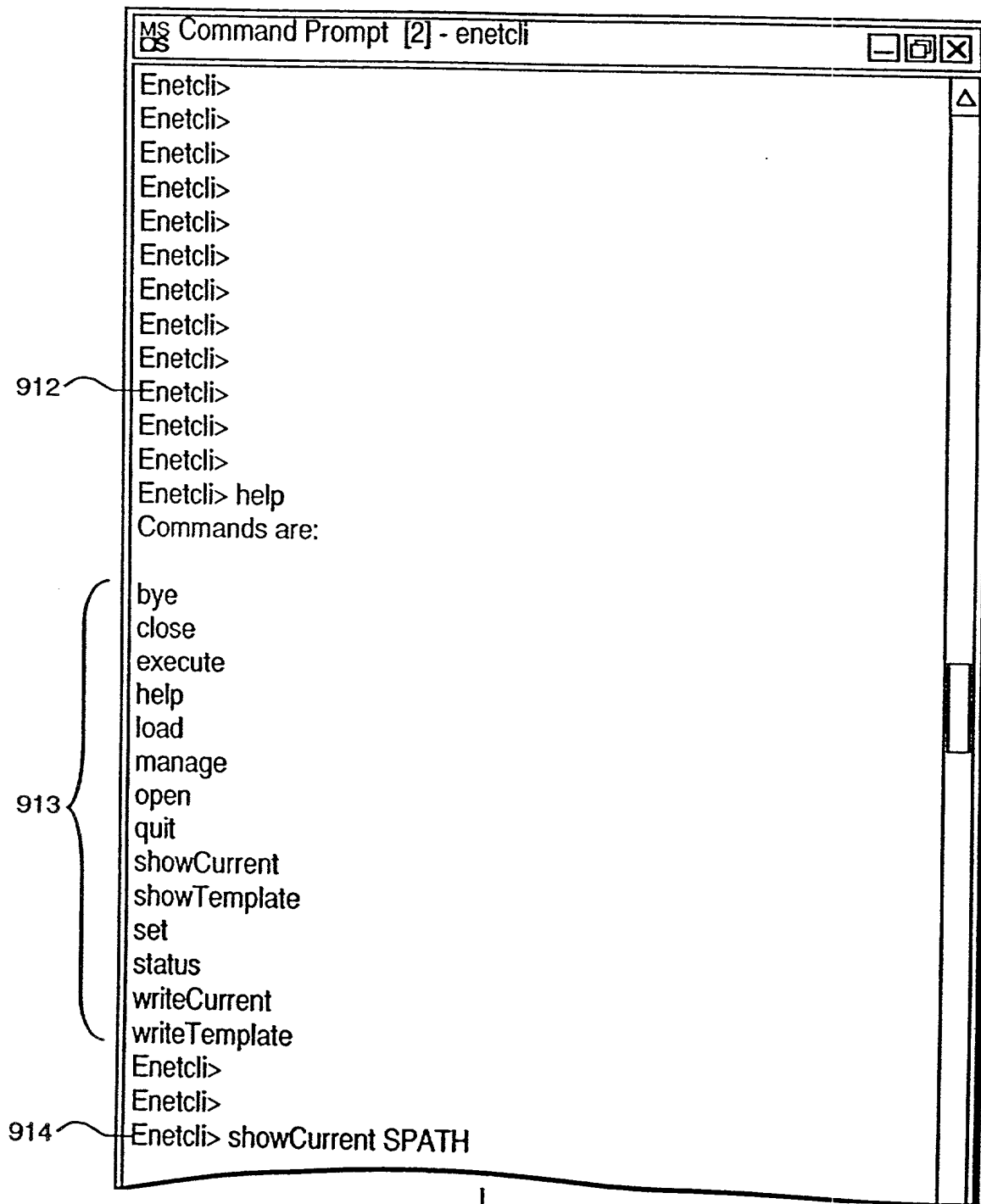


FIG. 3J

FROM FIG. 3J

915 {
 ATMIfName=ATMIf11/1/1
 Concatenated=false
 Name=Path11/1/1
 Operant=SPATH
 Operator=Create
 PortID=1
 Position=1
 Service=ATM
 ShelfID=11
 SlotID=1
 Type=Terminated
 Version=V1_1_0_0
 Width=STS3
 Enetcli>
 Enetcli>
 Enetcli>

916 {
 Enetcli> showTemplate SPATH
 ATMIfName=<String>[TerminatedOnly]
 Concatenated=<true:false>
 Name=<String>
 Operant=SPATH
 Operator=<Create:Replace:Update:Delete>
 PortID=<Integer><1-16>
 Position=<Integer>
 Service=<None :ATM>
 ShelfID=<11[top],13[bottom]>
 SlotID=<Integer><1-8>
 Type=<switched :Terminated>
 Version=V1_1_0_0
 Width=<STS1:STS3:STS12:STS48>
 Enetcli>
 Enetcli>

917 {
 Enetcli> status
 Not currently connected to server
 Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
 Enetcli>

918 {
 Enetcli> status
 Not currently connected to server
 Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
 Enetcli>

919 {
 Enetcli> status
 Not currently connected to server
 Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
 Enetcli>

920 {
 Enetcli> status
 Not currently connected to server
 Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
 Enetcli>

FIG. 3K

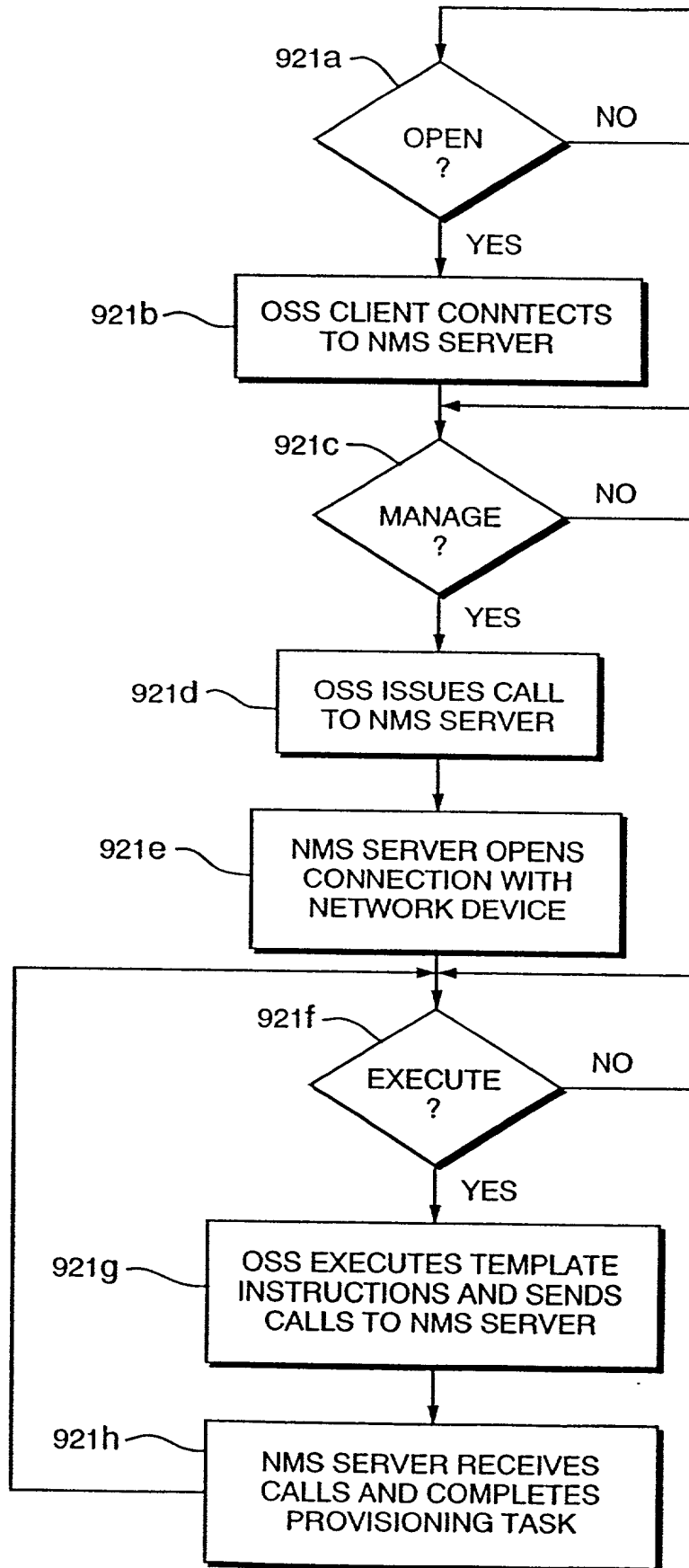


FIG. 3L

```
MS Command Prompt [2] - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
922 Enetcli> showCurrent CONTROL
input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operant=CONTROL
923d Operator=Manage
923f Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c Password=None
923e System=192.168.9.202
923b User=None
923g Version=V1_1_0_0
923a Server=localhost
Enetcli>_
```

FIG. 3M

BATCH

924



Operant=BATCH

Operator=Execute

Version=V1_1_0_0

924a ~ TASK1=execute-SPATH

924b ~ TASK2=execute-PVC

924c ~ TASK3=execute-SPVC

924d ~ TASK4=load-SPVC-spvc1

924e ~ TASK5=execute-SPVC

924f ~ TASK6=load-SPVC-spvc2

924e ~ TASK7=execute-SPVC

•

•

924g ~ TASK50=set-SPATH-PortID-3

924h ~ TASK51=execute-SPATH

924i ~ TASK52=set-SPATH-SlotID-2

924j ~ TASK53=execute-SPATH

FIG. 3N

T02689-67

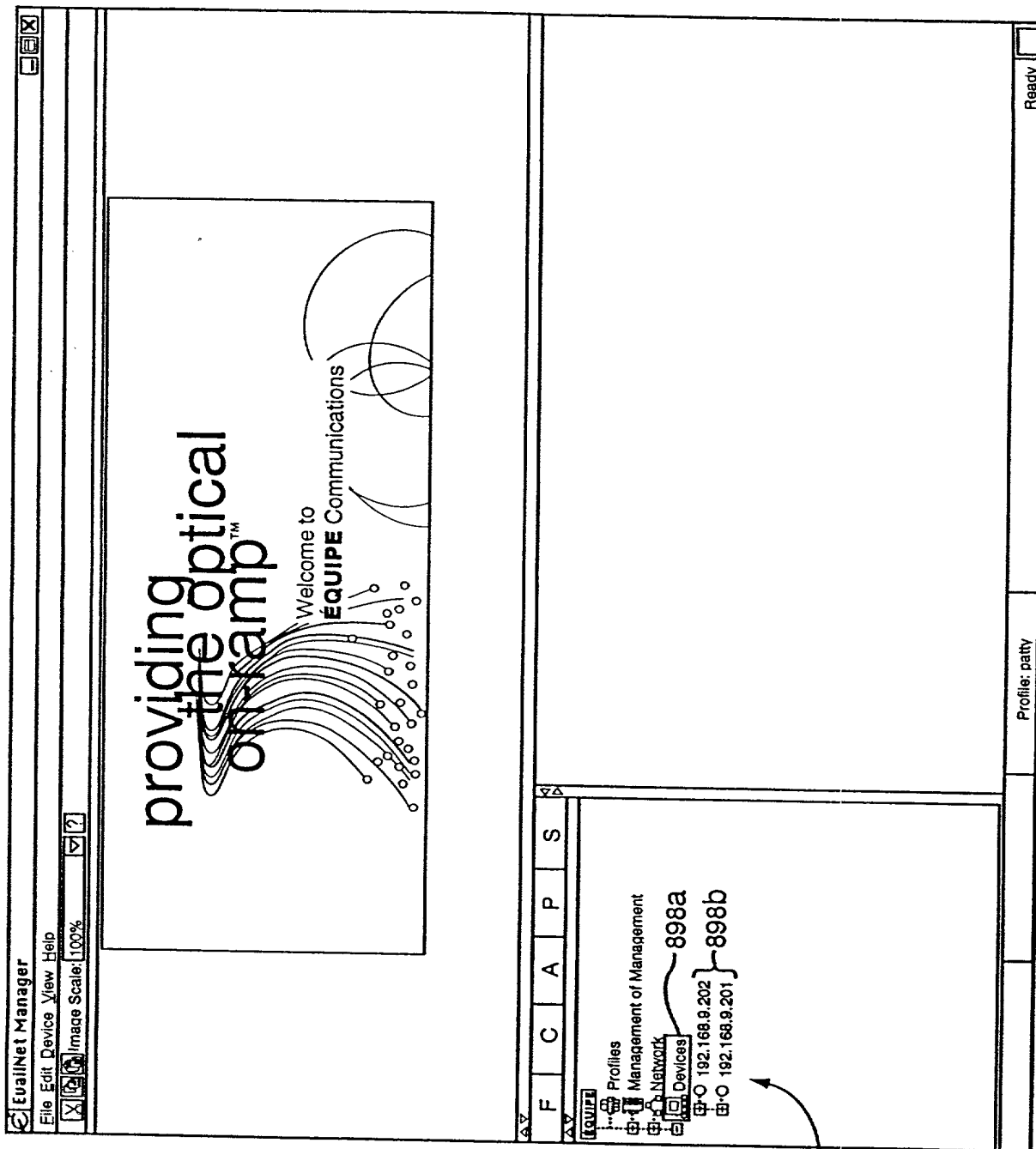
925

Operant=BATCH
 Operator=Execute
 Version=V1_1_0_0
 925a ~ TASK1=execute-CONTROL
 925b ~ TASK2=execute-SPATH
 925c ~ TASK3=set-SPATH-PortID-3
 925d ~ TASK4=execute-SPATH
 .
 .
 925e ~ TASK61=set-CONTROL-System-192.168.9.201
 925f ~ TASK62=execute-CONTROL
 925g ~ TASK63=execute-SPATH
 .
 .
 925h ~ TASK108=close
 925i ~ TASK109=set-CONTROL-Server-Server1
 925j ~ TASK110=set-CONTROL-System-192.168.8.200
 925k ~ TASK111=execute-CONTROL
 925l ~ TASK112=execute-SPATH
 .
 .
 .

FIG. 30

FIG. 4A

895



898

FIG. 4A

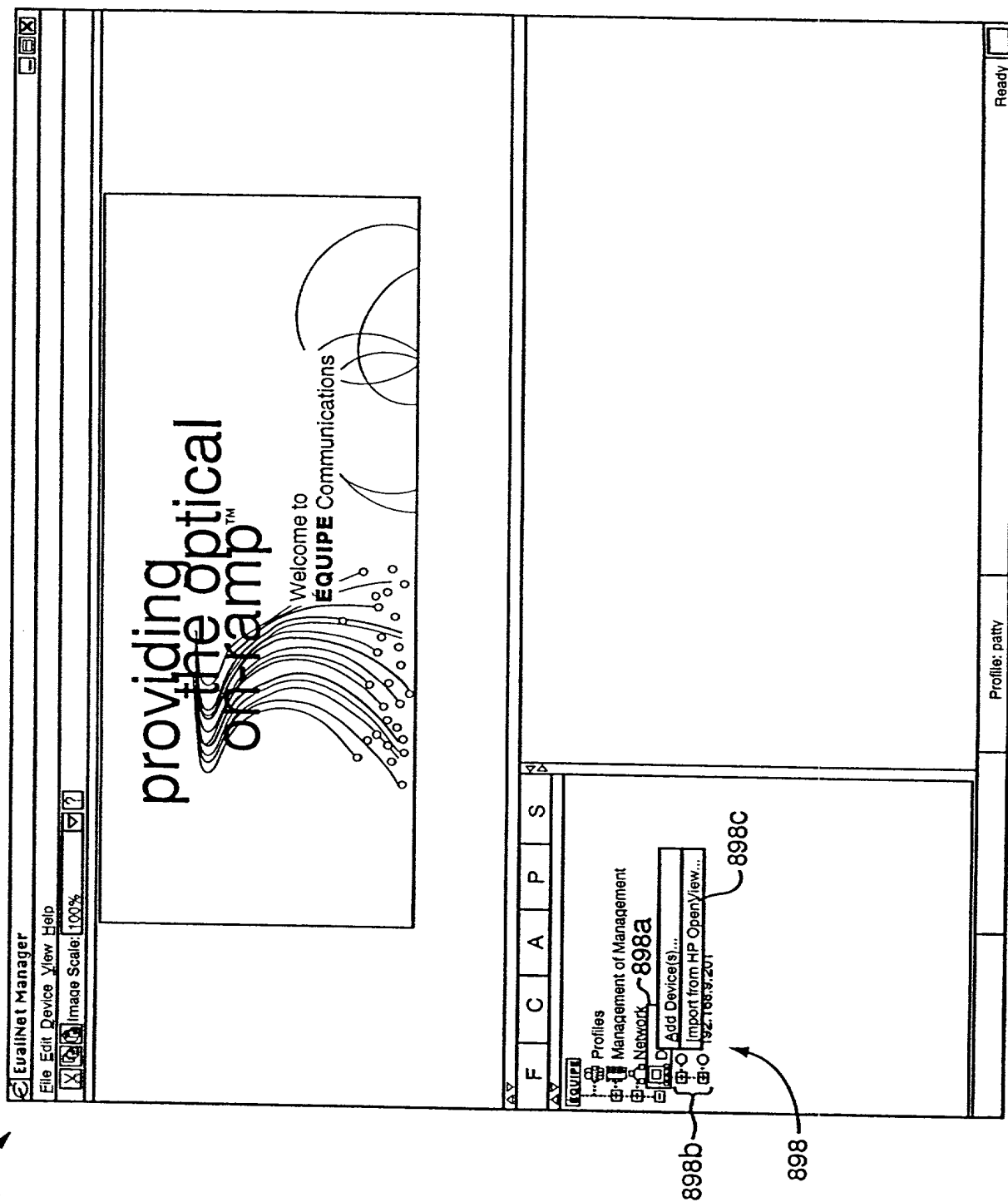
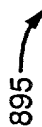


FIG. 4B

AddDeleteDeviceDlg

Enter device to add 898e

192.168.9.203

☒ Manage device in on-line mode

Add 898f

Device List

On-Line Device

OK Cancel Delete

898d

FIG. 4C

AddDeleteDeviceDlg

Enter device to add 898e

☒ Manage device in on-line mode

Add 898f

Device List

On-Line Device

☒ 192.168.9.203 898g

OK Cancel Delete 898h

898j

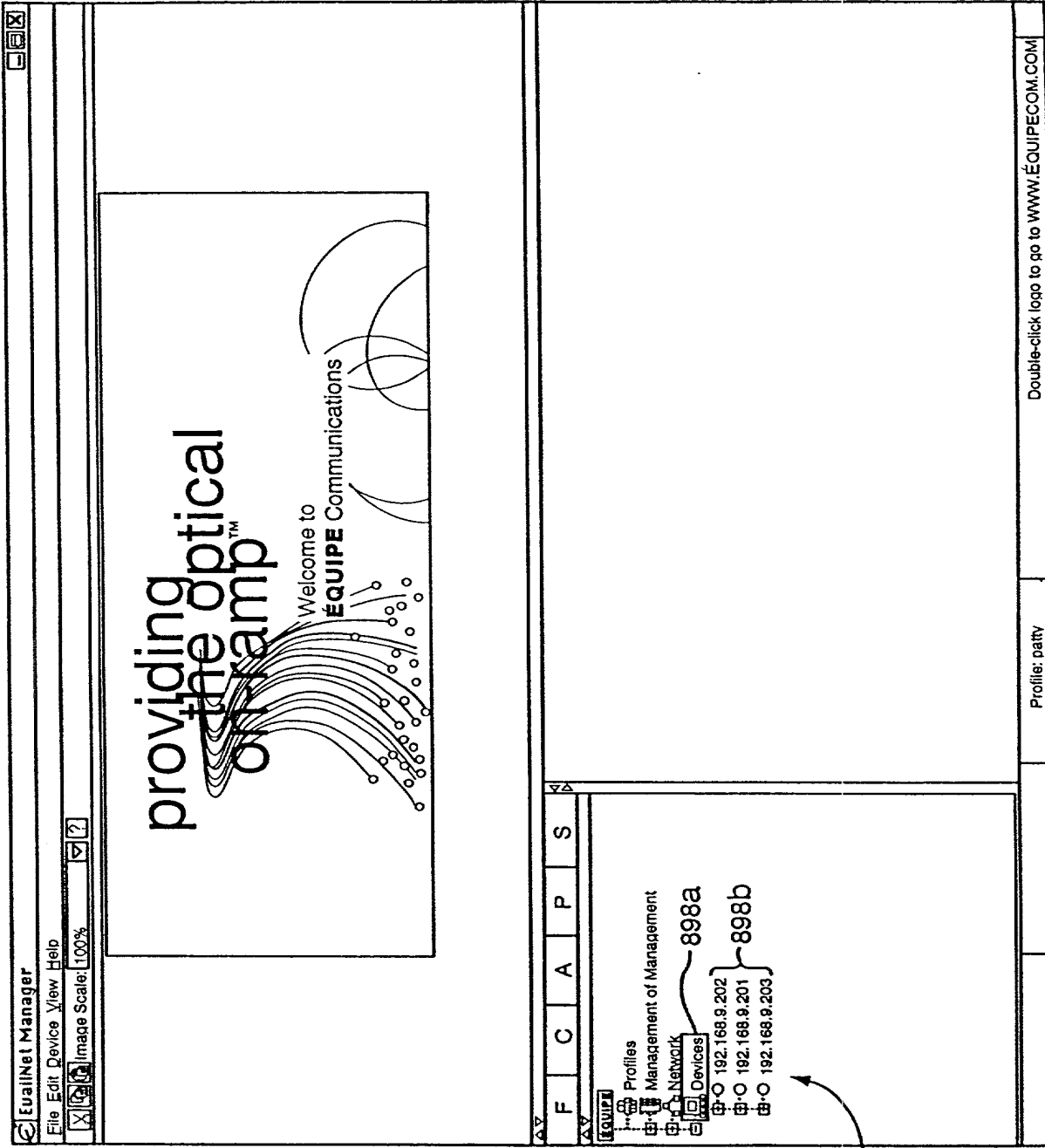
898i

898d

FIG. 4D

FO/230" 9E695/60

895



898

FIG. 4E

FIG. 4F

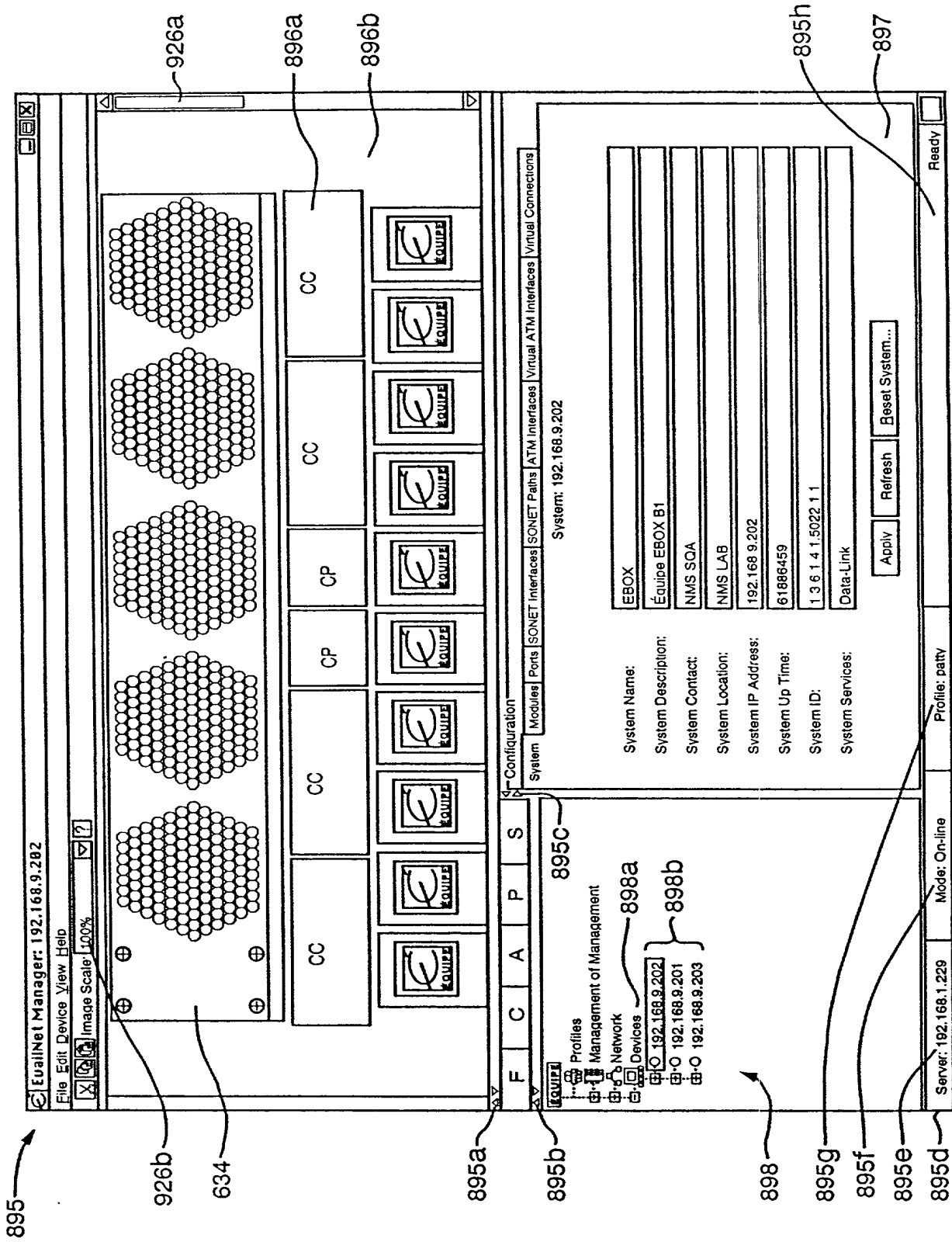


FIG. 4F

102689-67

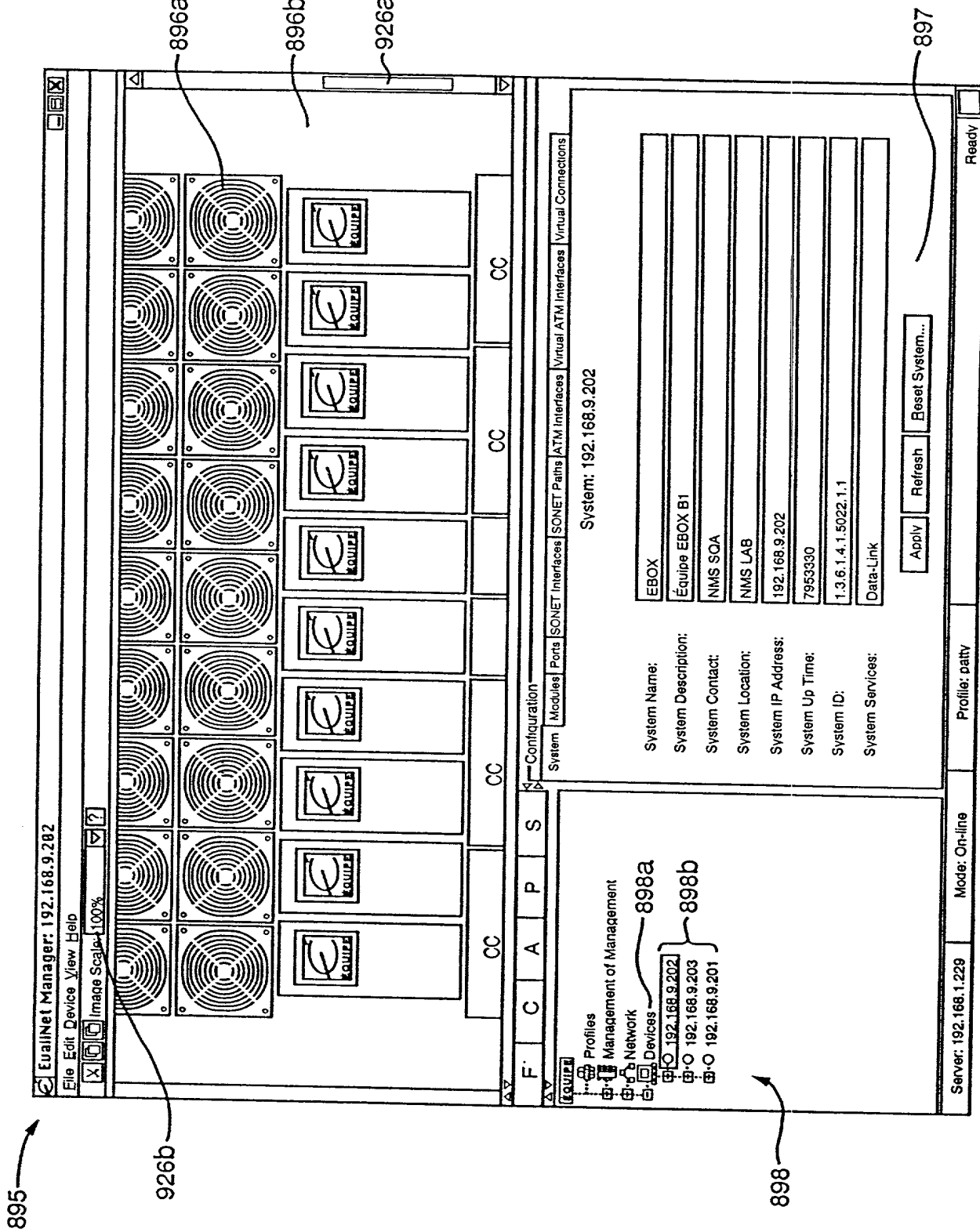


FIG. 4G

FIG. 4H

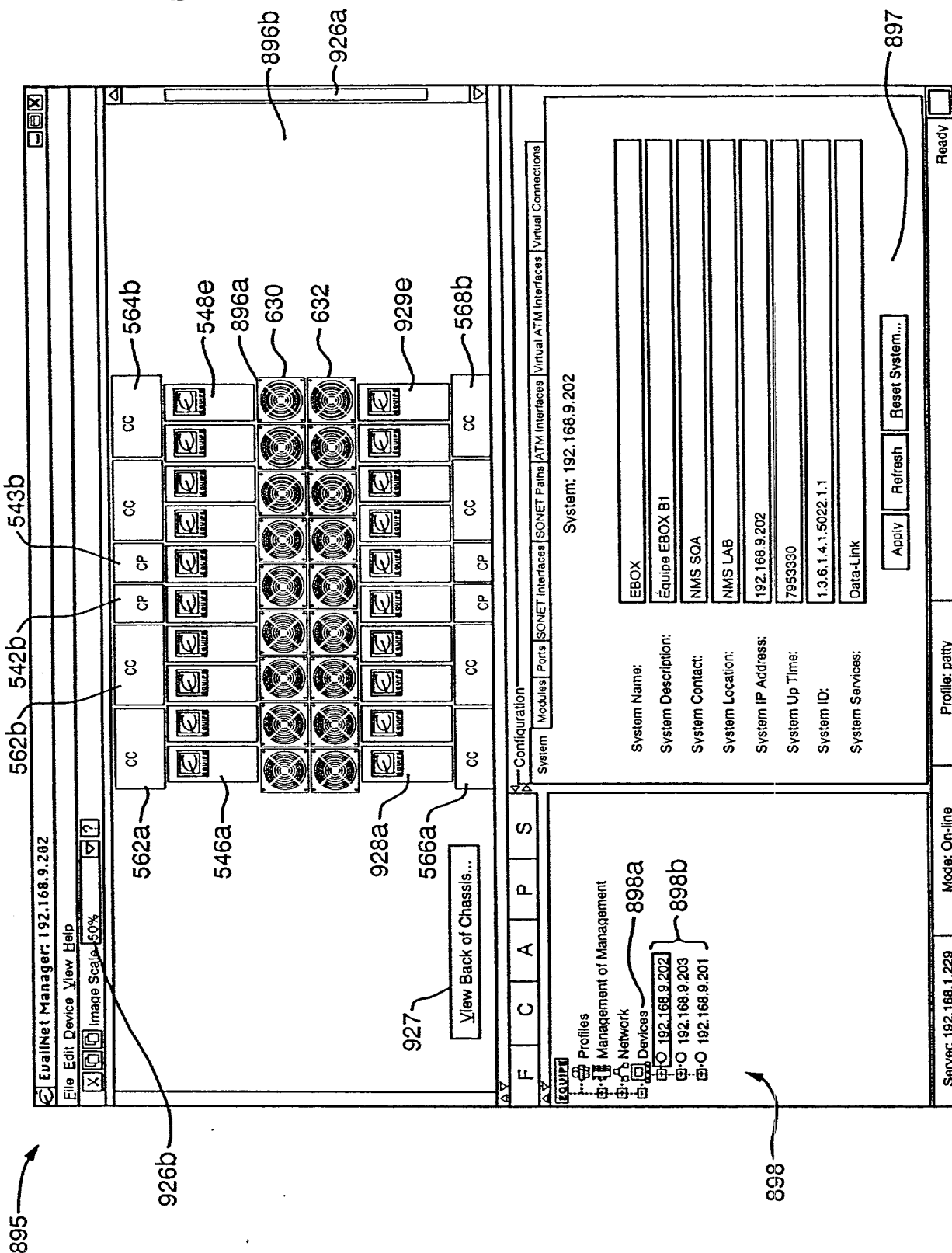


FIG. 4H

FIG. 4

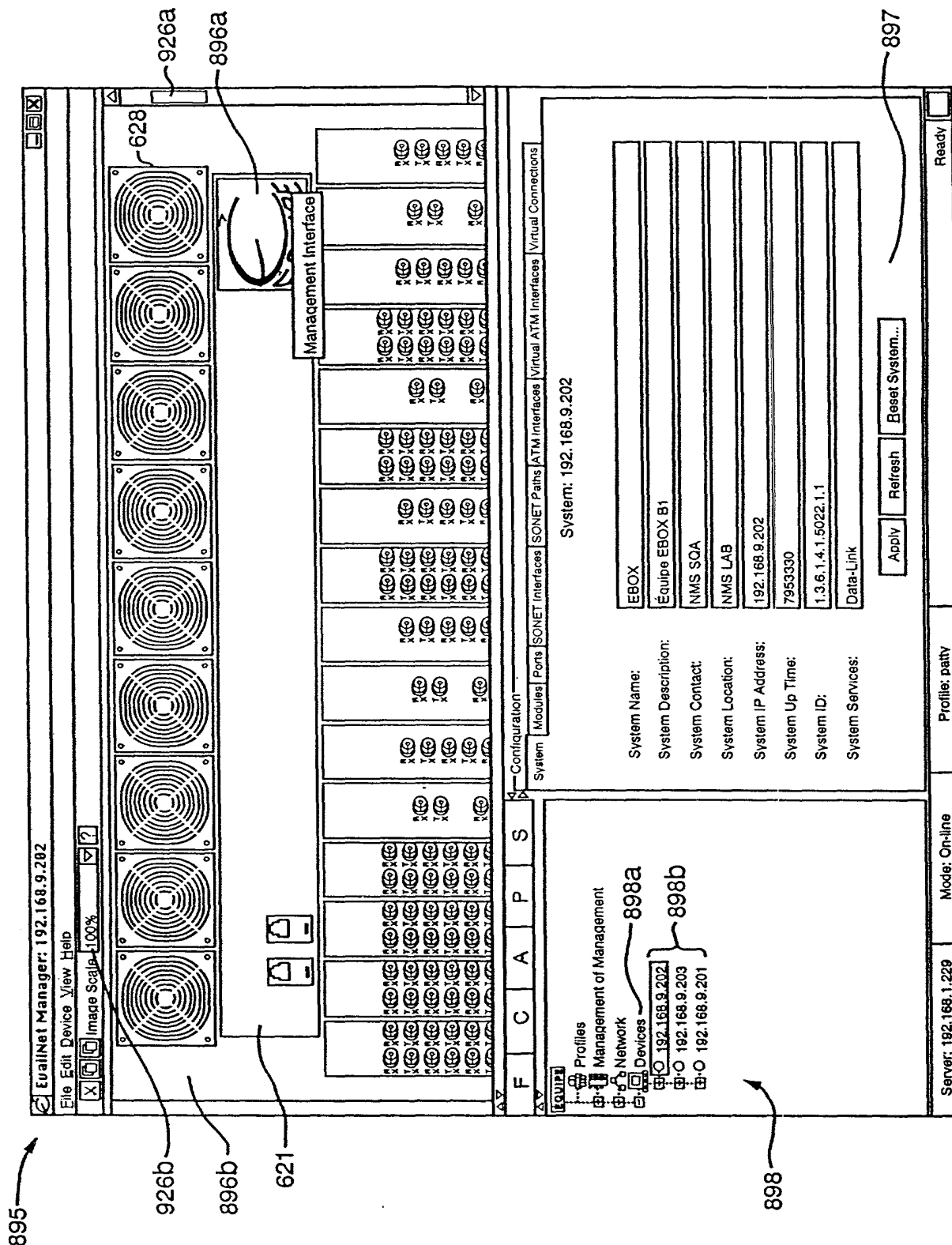


FIG. 4

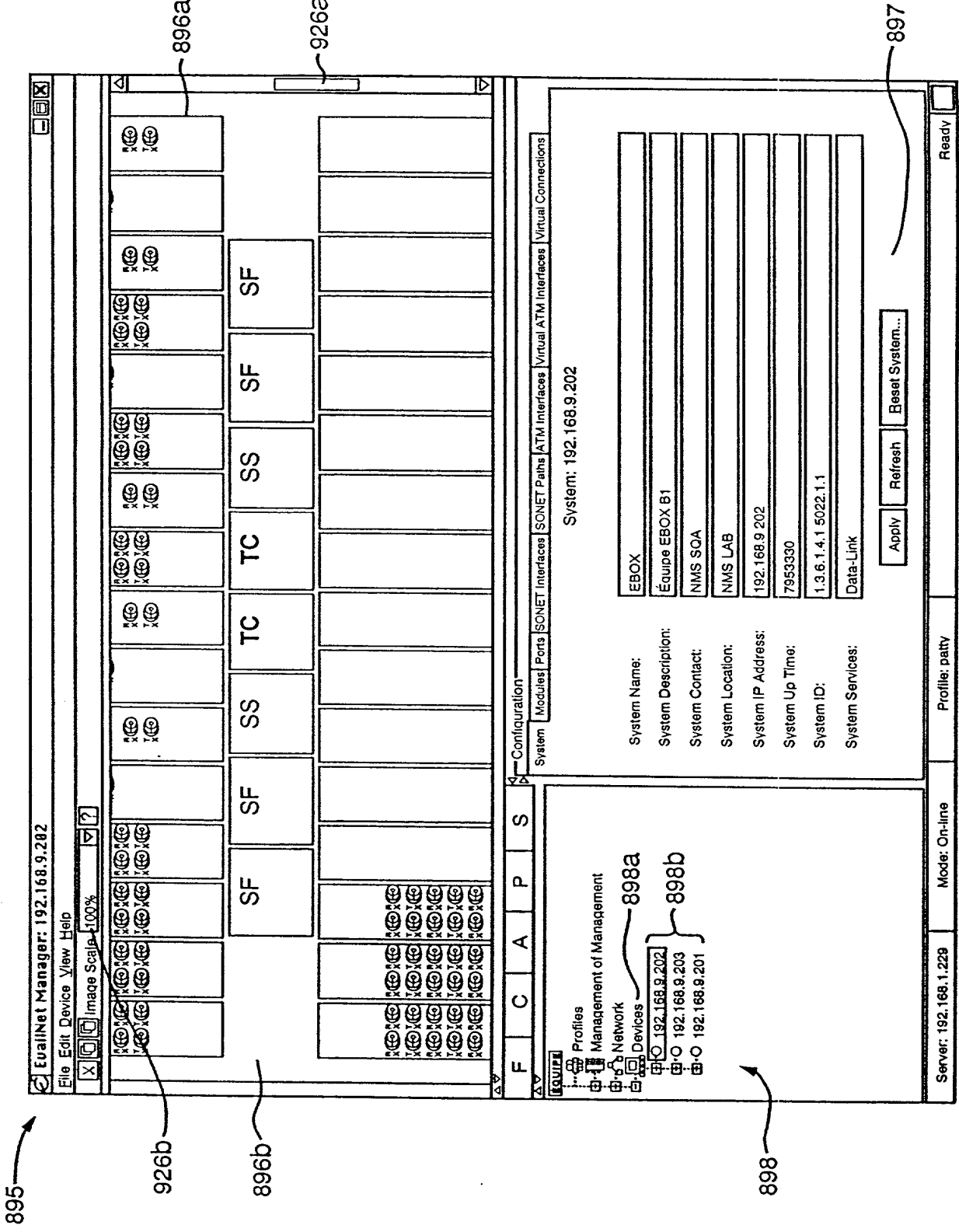


FIG. 4J

10/22/2009 9:26:26 AM

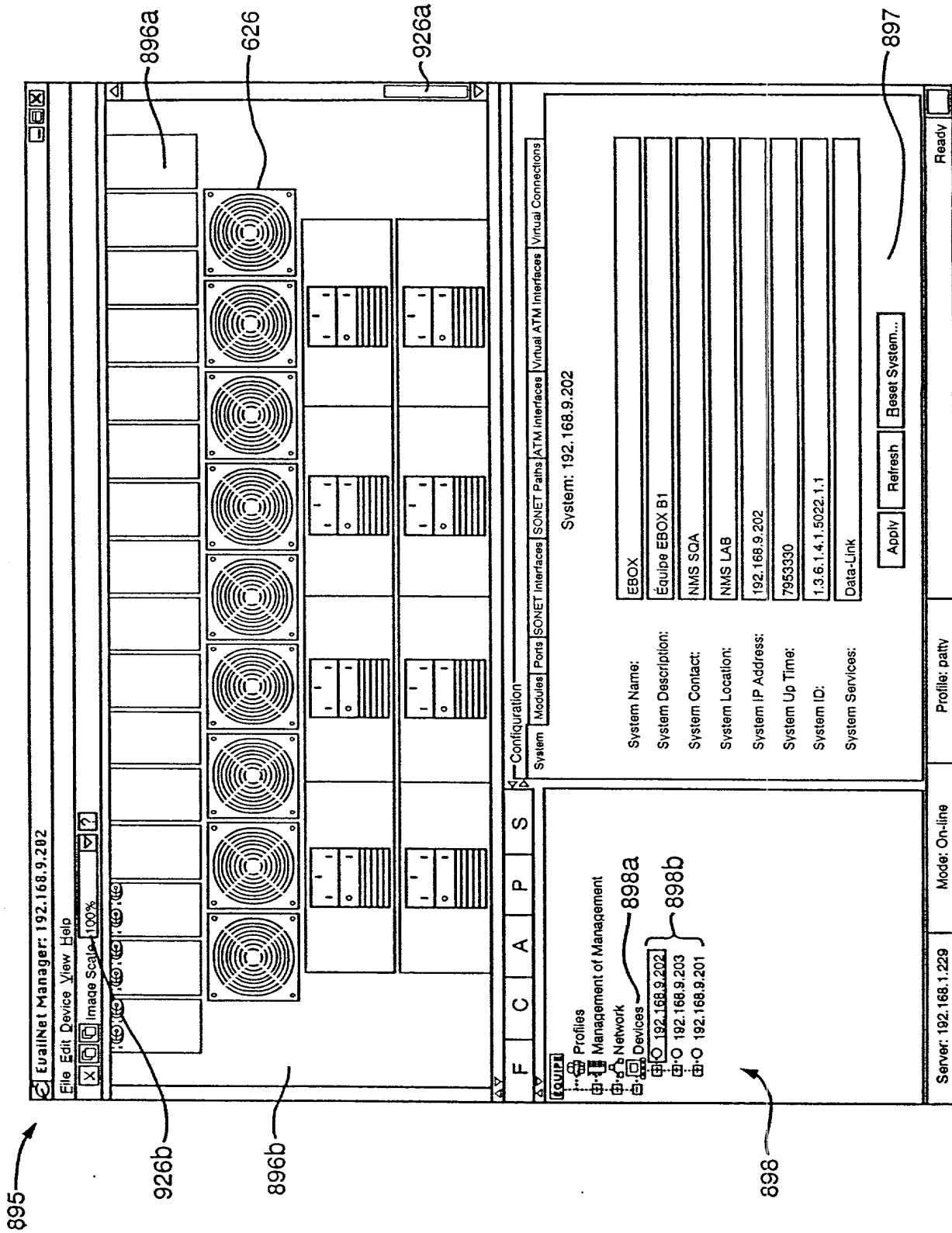


FIG. 4K

FIG. 4L

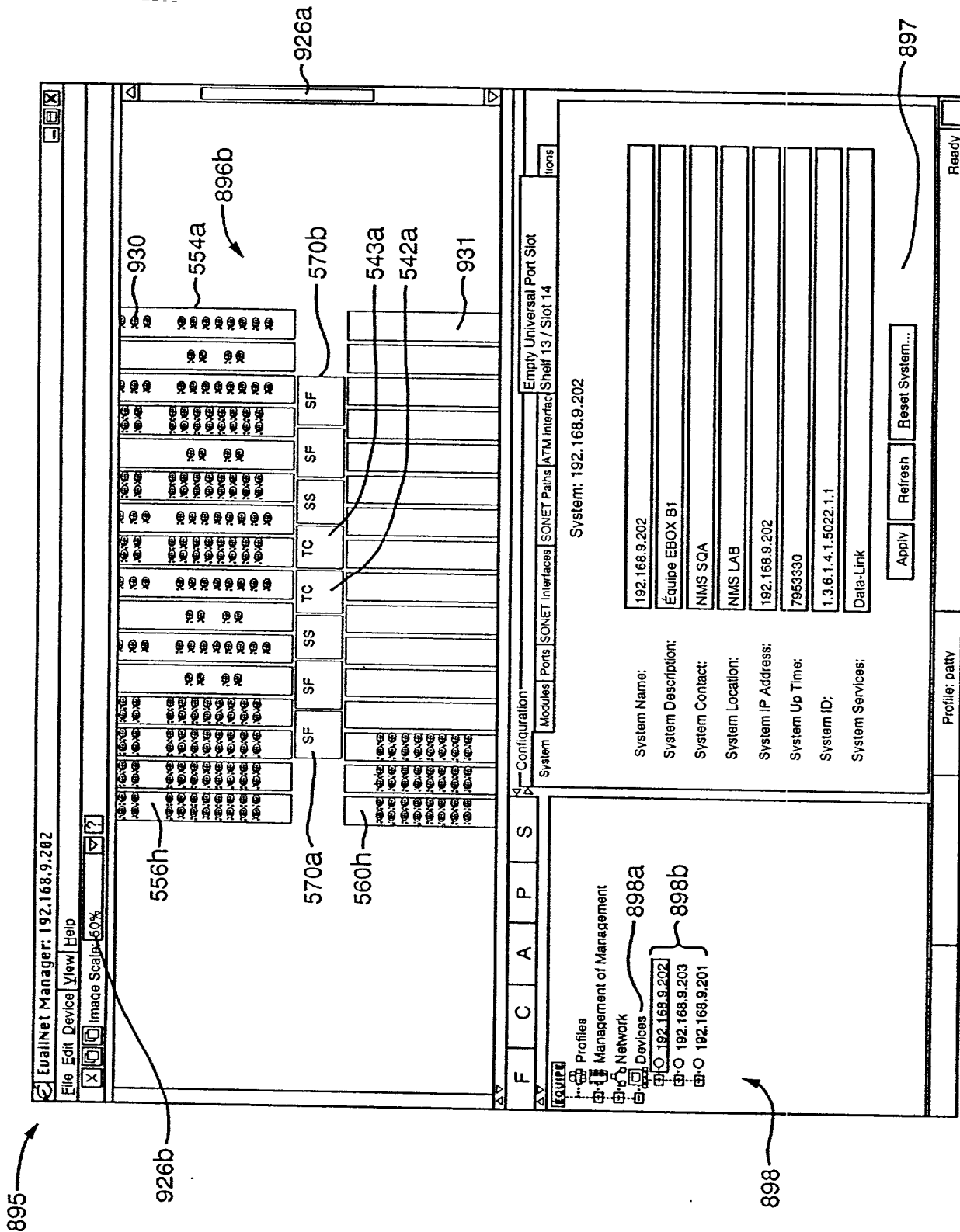


FIG. 4L

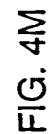


FIG. 4M

FIG. 4N

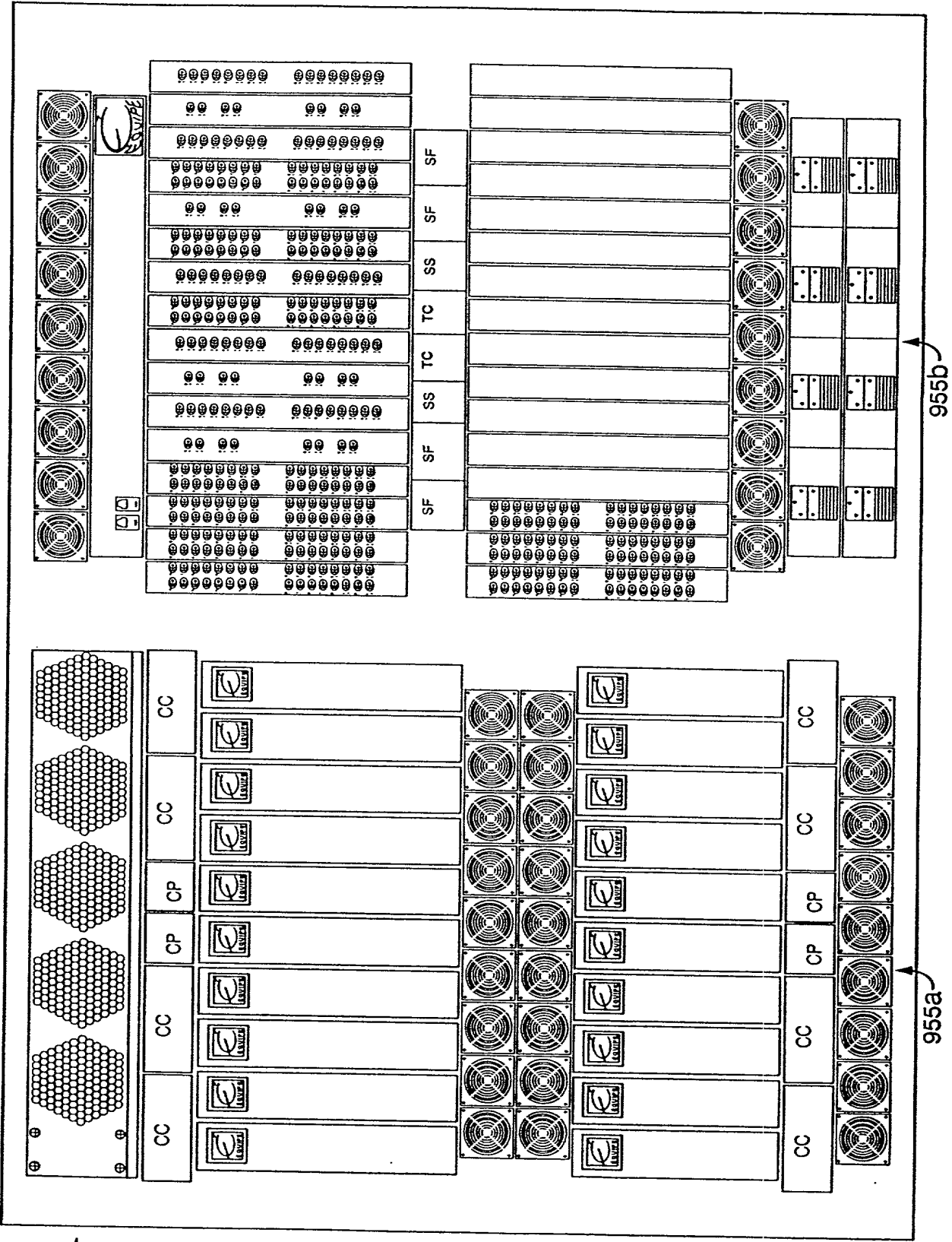
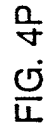


FIG. 4N



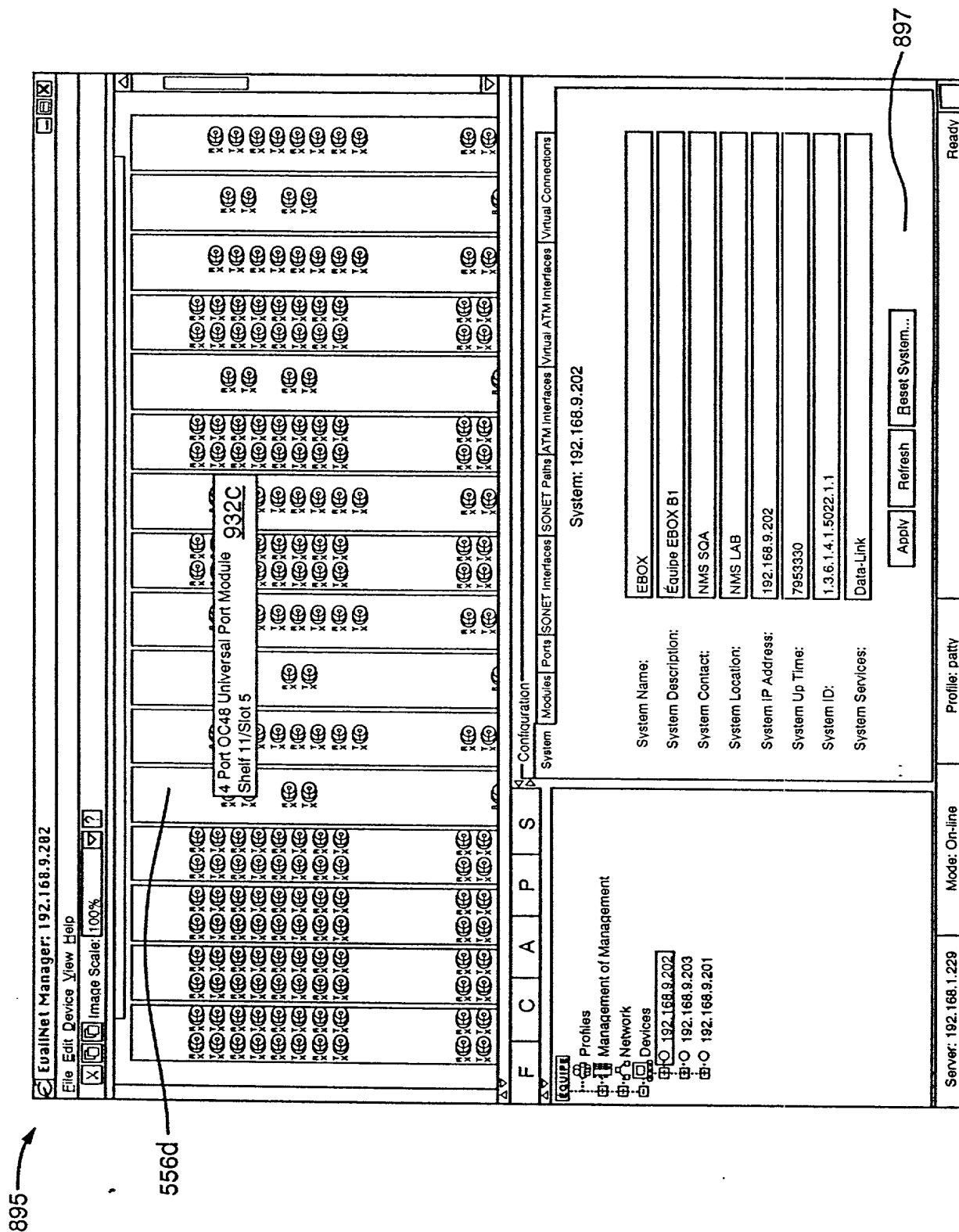


FIG. 4Q



FIG. 4R

102689-67

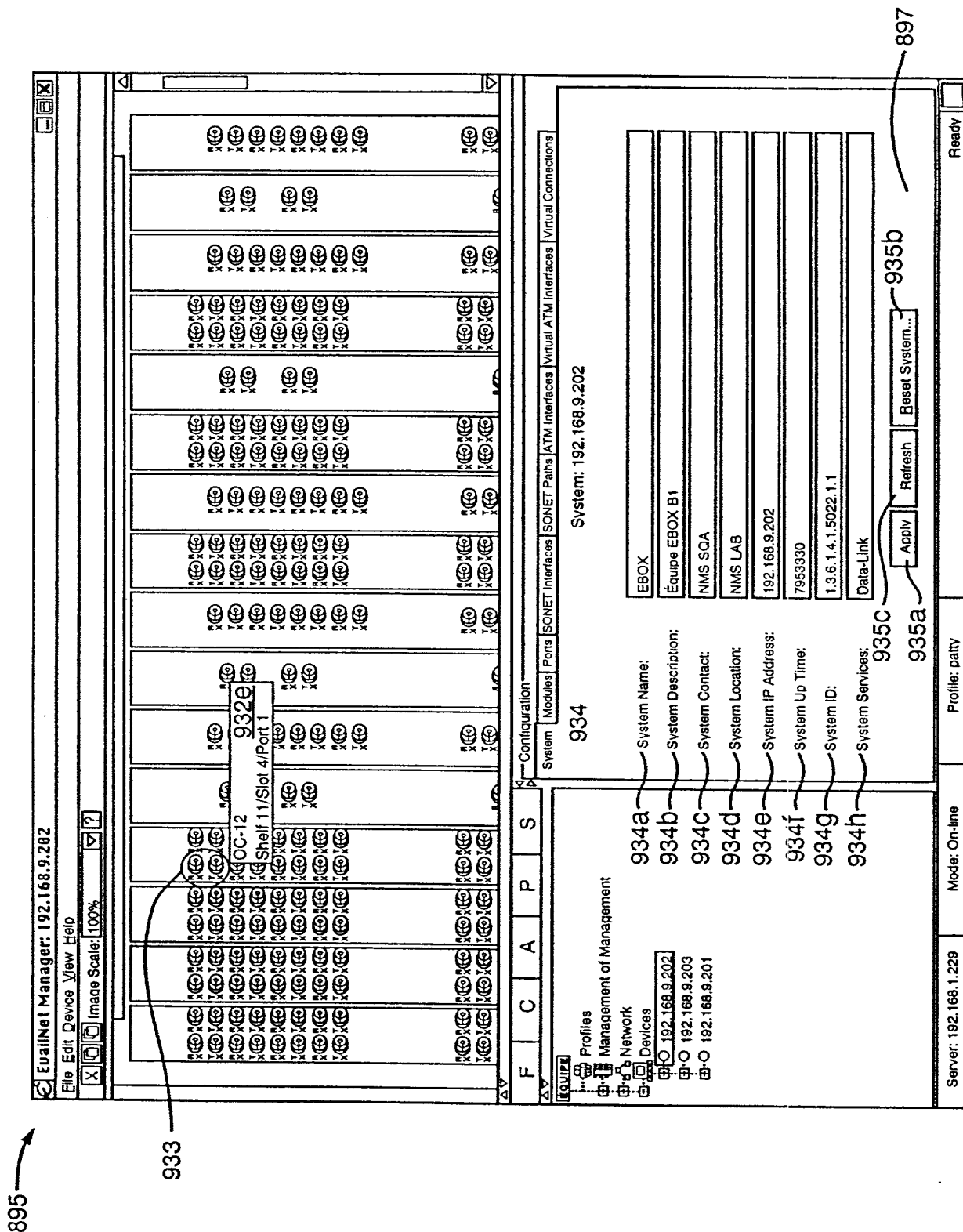
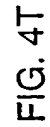


FIG. 4S



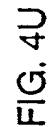


FIG. 4U

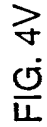


FIG. 4V

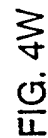


FIG. 4W

FIG. 4X

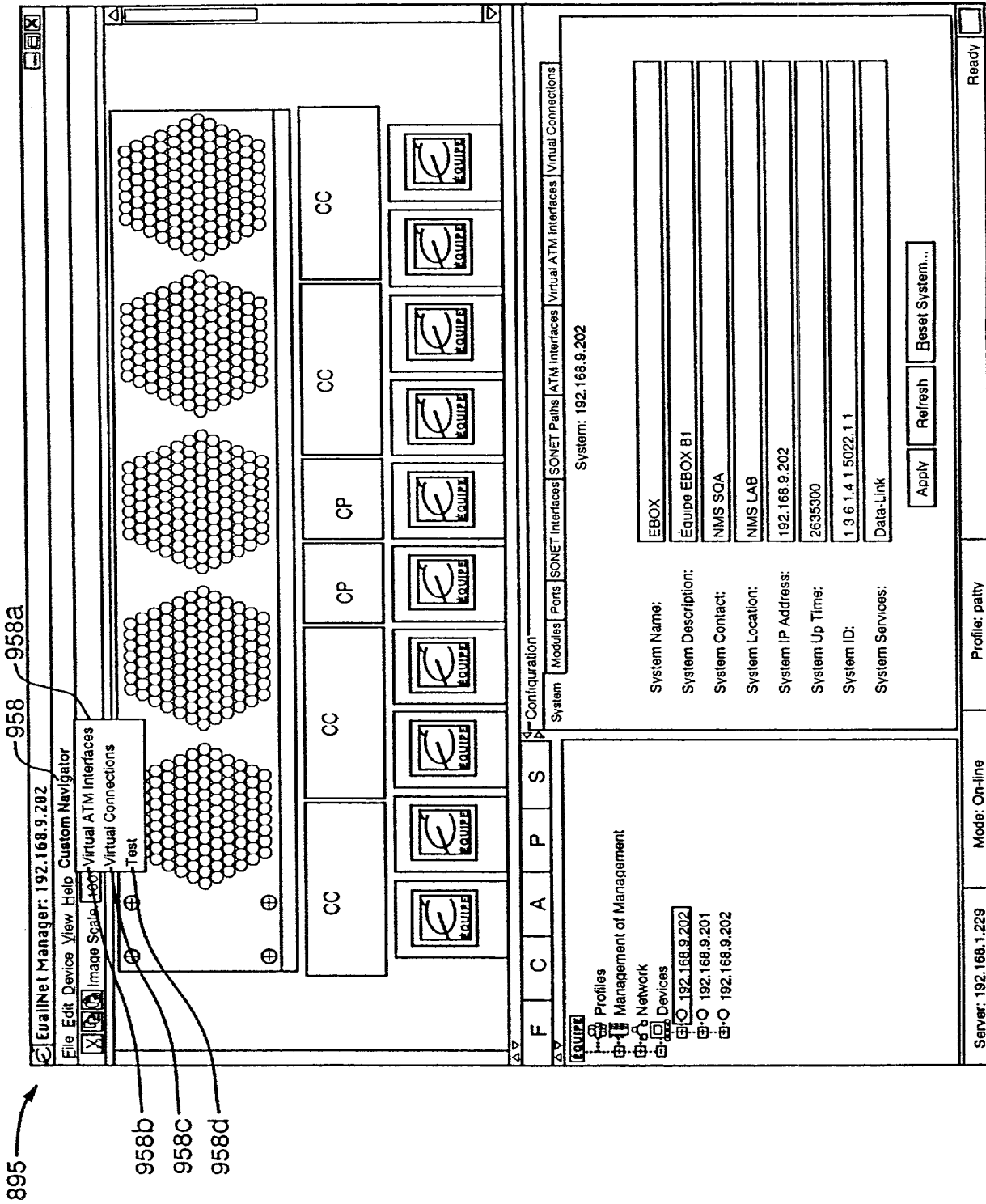


FIG. 4X

10/28/99 9:55:20

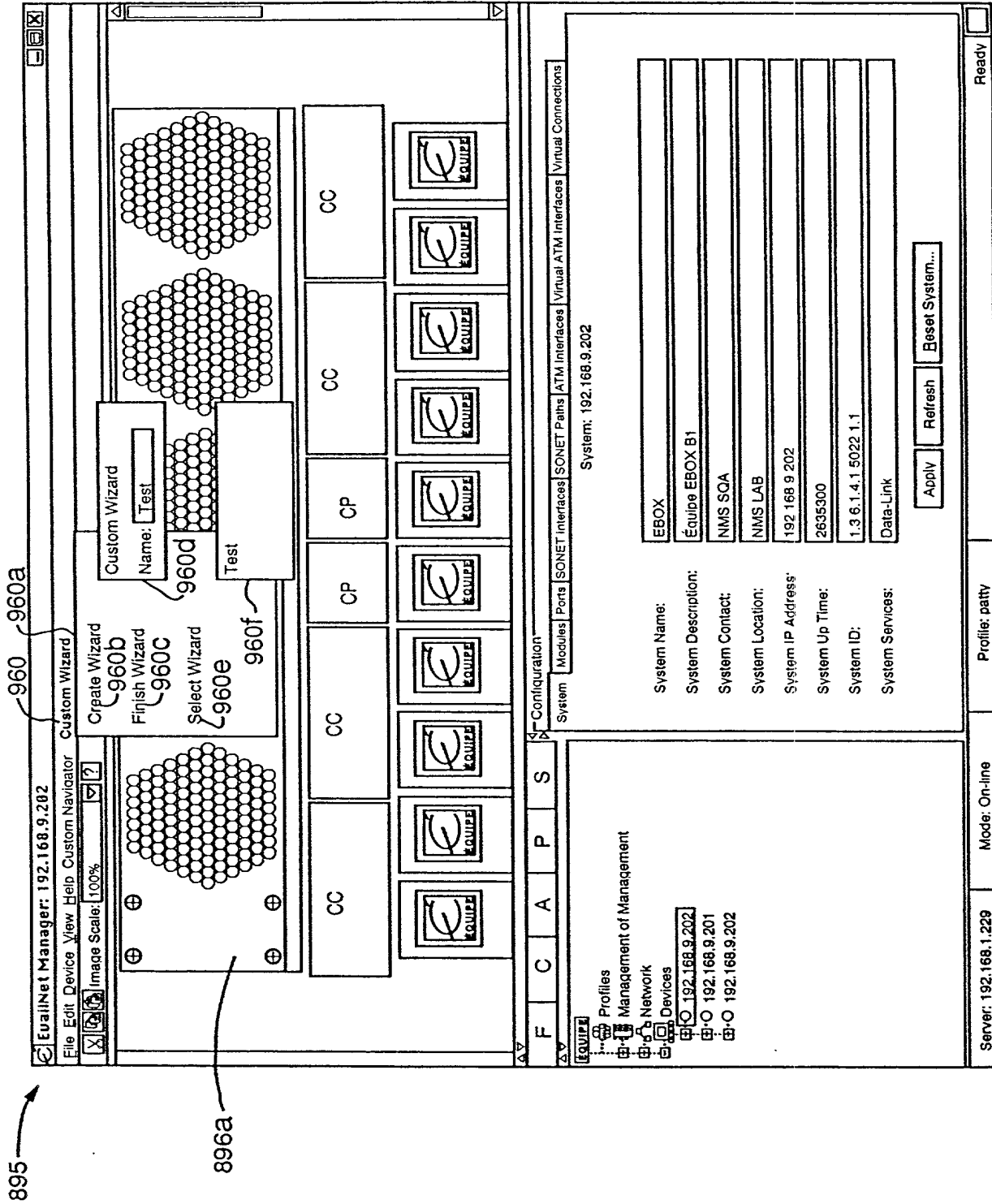


FIG. 4Y

EvailNet Manager: SONET Path Configuration 11/5/1

X

System: 192.168.9.202

SONET Line

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☐ Configure paths

☐ Custom Configuration

Next

Cancel

FIG. 4Z

FIG. 5A

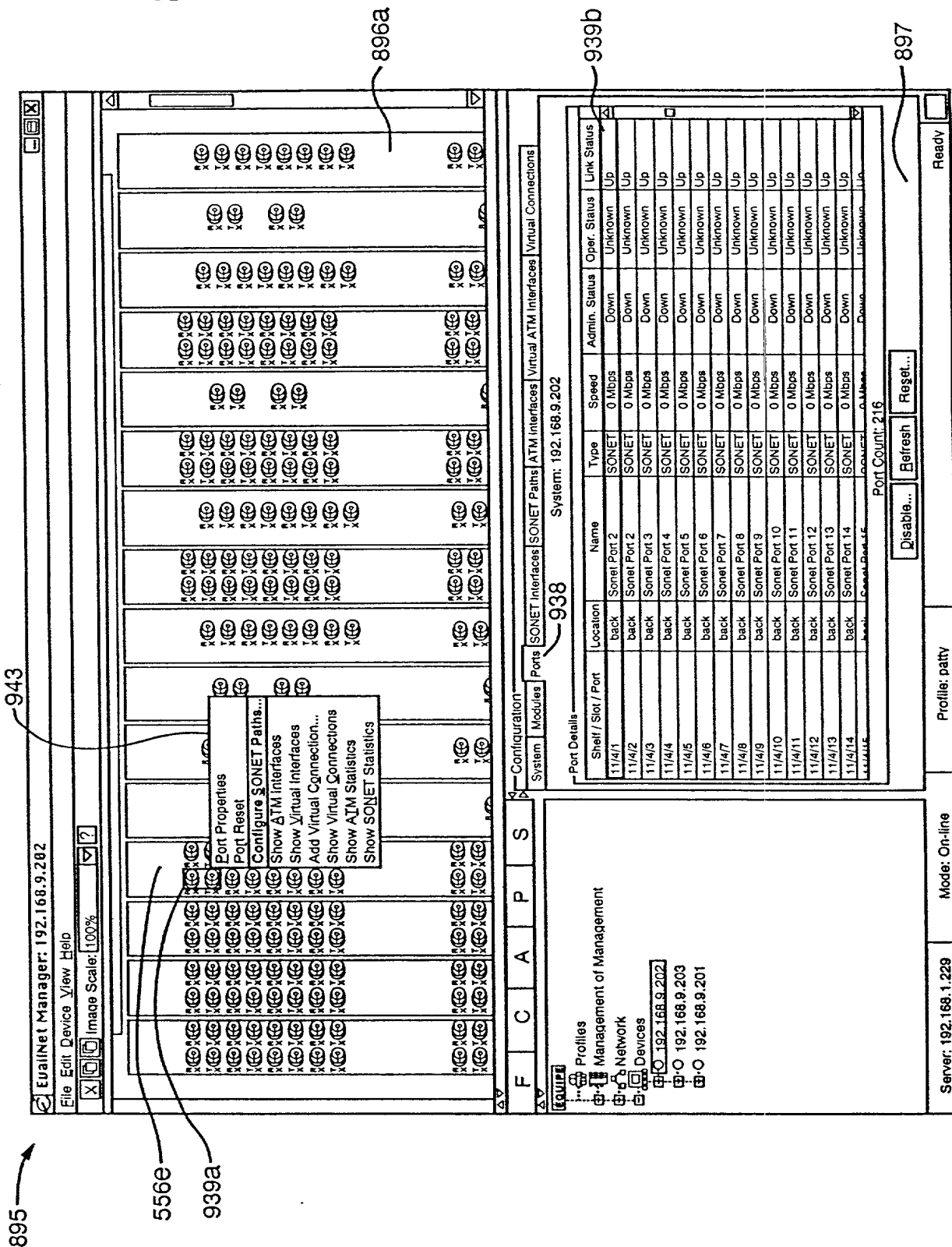


FIG. 5A

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☐ Configure

☐ Custom Configuration

4

STS-3c

paths

OK

Cancel

FIG. 5B

FIG. 5C

944

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)

☐ Configure

☐ Custom Configuration

4 STS-3c paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/4/1	1	STS-12c	Termin.	ATM		

944p Modify

Graphical Representation

Position Width

1 STS-12c

944e 944f

944r OK

944q Cancel

FIG. 5C

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4

Port 1

Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)
 ☒ **Configure**
☐ Custom Configuration

4

▽

STS-3c

▽

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-3c	Termin.	ATM		
11/4/1	Path2_11/...	4	STS-3c	Termin.	ATM		
11/4/1	Path3_11/...	7	STS-3c	Termin.	ATM		
11/4/1	Path4_11/...	10	STS-3c	Termin.	ATM		

Modify

OK

Cancel

Graphical Representation

Position

Width

1

4

7

10

STS-3c

STS-3c

STS-3c

STS-3c

FIG. 5D

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒ **Configure**

☐ Custom Configuration

1

..

▽

STS-12c

▽

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-12c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-12c

944a

944c

944g

944p

944r

944f

944e

944q

FIG. 5E

FIG. 5F

FIG. 5F

FIG. 5G

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
Shelf11/Sl...	Path1_11/...	1	3	2	1		
Shelf11/Sl...	Path2_11/...	4	3	2	1		

944p Modify Add Delete 945m

Graphical Representation

Position

1

4

Width

STS-3C

STS-3C

945e 945f

945

945r OK Cancel 945n

FIG. 5G

FOUO 0609200

895

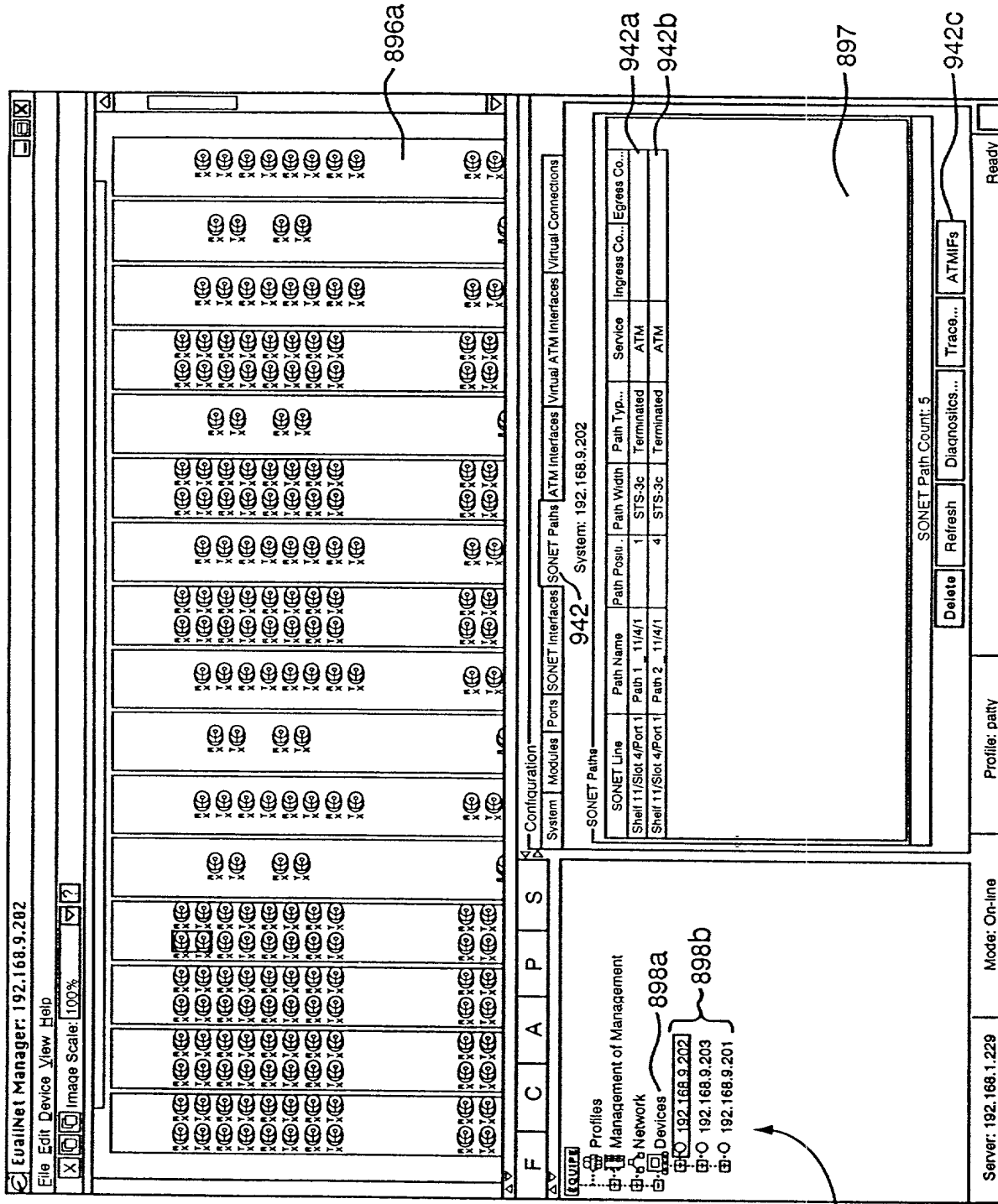


FIG. 5H

FIG. 5

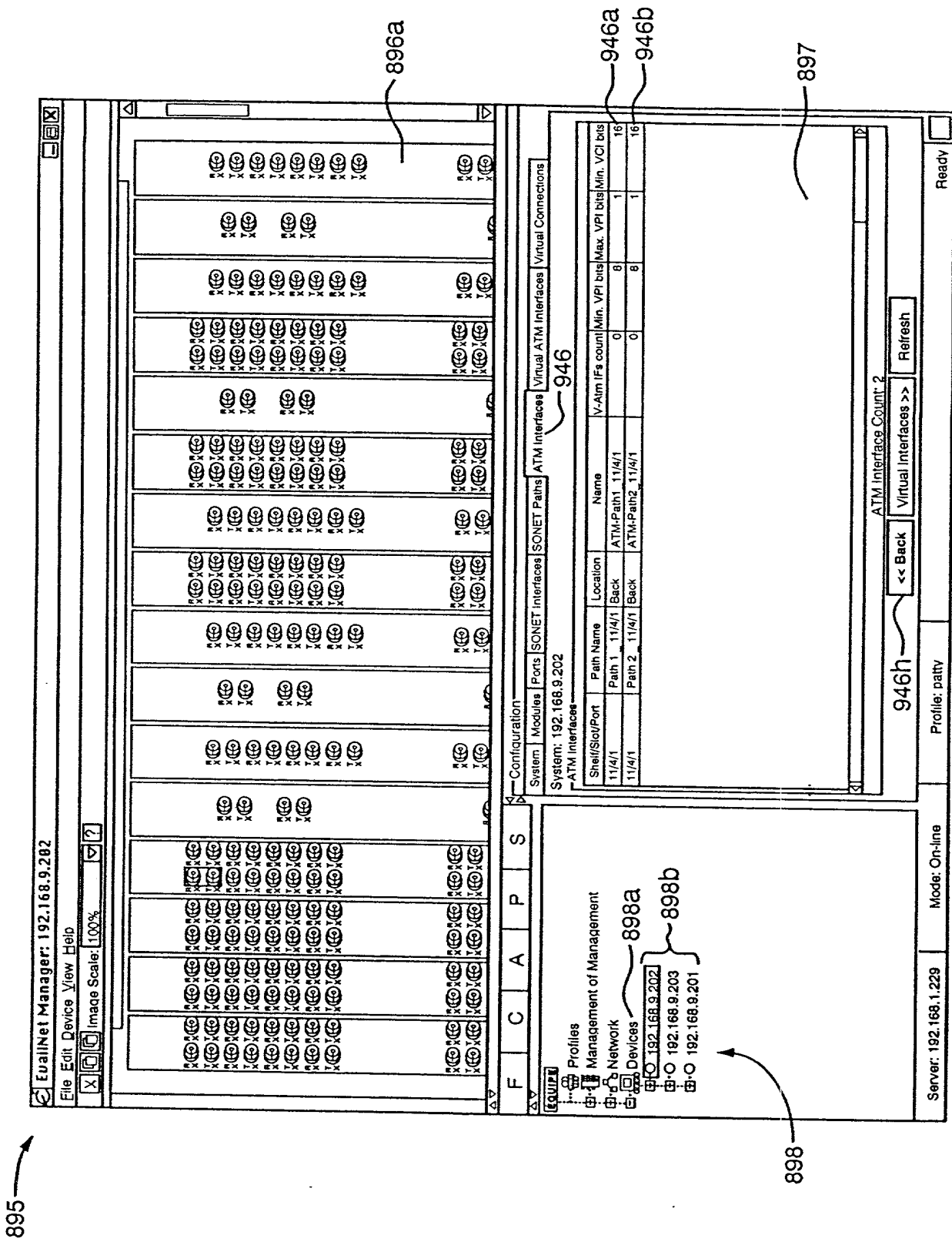


FIG. 5

FIG. 5J

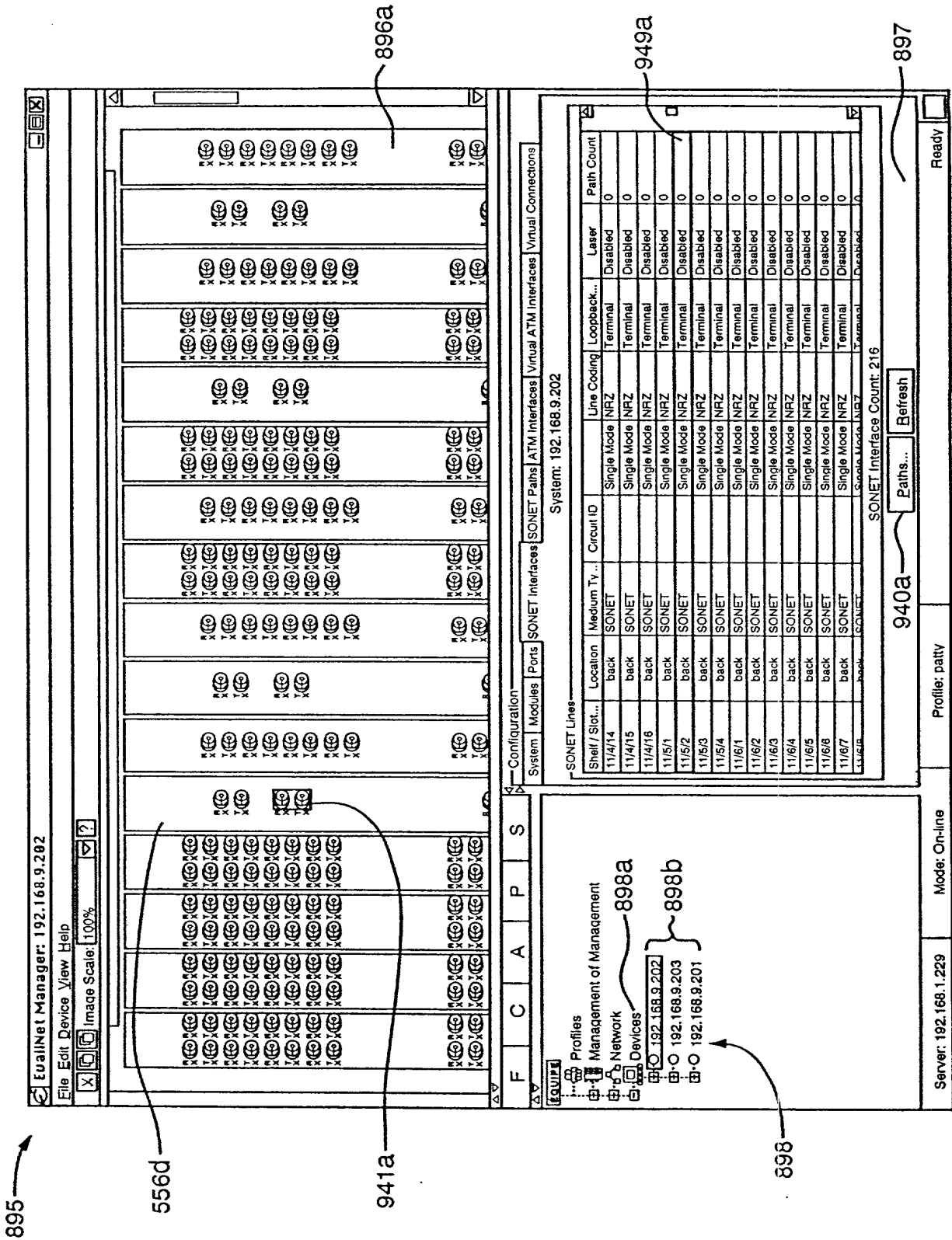


FIG. 5J

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☐ Configure

☐ Custom Configuration

4

▽

STS-12c

▽

paths

Ok

Cancel

944b
944c
944d

FIG. 5K

FOUO 92695/60

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

☒ Configure a single concatenated path (STS-48c)

☐ Configure

☐ Custom Configuration

4

STS-12C

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-48c	Termin.	ATM		

Modify

Graphical Representation

PositionWidth

1STS-48C

944p

944r

944q

FIG. 5L

EvaiNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)
 ☒ **Configure**
☐ Custom Configuration

4

STS-12c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-12c	Termin.	ATM		
11/5/2	Path2_11/...	13	STS-12c	Termin.	ATM		
11/5/2	Path3_11/...	25	STS-12c	Termin.	ATM		
11/5/2	Path4_11/...	37	STS-12c	Termin.	ATM		

Modify

OK

Cancel

Graphical Representation

Position

Width

1

13

25

37

STS-12c

STS-12c

STS-12c

STS-12c

FIG. 5M

FOUO 92695260

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot

5

Port

2

Type

OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

Configure

paths

☒ Custom Configuration

STS-48c

944t

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-48c	Termin.	ATM		

944p

Modify

Graphical Representation

Position

1

Width

STS-48c

944e

944f

944a

944b

944c

944d

944g

944r

944q

FIG. 5N

FOUO 3E695/60

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

Configure

16

paths

STS-3C

Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-3c	Termin.	ATM		
11/5/2	Path2_11/5/2	4	STS-3c	Termin.	ATM		
11/5/2	Path3_11/5/2	7	STS-3c	Termin.	ATM		
11/5/2	Path4_11/5/2	10	STS-3c	Termin.	ATM		
11/5/2	Path5_11/5/2	13	STS-3c	Termin.	ATM		
11/5/2	Path6_11/5/2	16	STS-3c	Termin.	ATM		
11/5/2	Path7_11/5/2	19	STS-3c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-3C

4

STS-3C

7

STS-3C

10

STS-3C

13

STS-3C

16

STS-3C

19

STS-3C

22

STS-3C

25

STS-3C

28

STS-3C

31

STS-3C

34

STS-3C

37

STS-3C

40

STS-3C

43

STS-3C

45

STS-3C

OK

Cancel

FIG. 50

FO/280* 9E695460

EvaiNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)
 ☐ Configure
 ☐ Custom Configuration

16

paths

STS-3C

Functions

Available SONET Paths

STS-3C

STS-12C

944i

Add>

<Remove

<<Clear

944k

944n

944o

Allocated SONET Paths

STS-3C

STS-3C

STS-3C

STS-3C

STS-12C

944j

↑

↓

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
11/5/2	Path1_11/...	1	STS-3c	Terminated	ATM		
11/5/2	Path2_11/...	4	STS-3c	Terminated	ATM		
11/5/2	Path3_11/...	7		Terminated	ATM		

944p

Modify

Graphical Representation

Position	Width
1	STS-3C
4	STS-3C
7	STS-3
10	STS-3
22	STS-12C
34	STS-12C

944e

944f

944r

OK

Cancel

944q

FIG. 5P

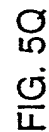


FIG. 5Q

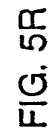


FIG. 5R

FOCUS 92695/50

895

895

896a

897

898

899

900

901

902

903

904

905

906

907

908

909

910

911

912

913

914

915

916

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FIG. 5S

10/22/2009 9:56:55 AM

Add U-ATM Interface - 192.168.9.202

Shelf/Slot/Port: 11/4/1

Path Name: Path2_11/4/1

Virtual ATM Interface Parameters

950dName

test1

950aConnection Type

Direct Link

950bVersion

UNI Network 3.1

950cAdmin Status

Up

950e

OK

Cancel

FIG. 5T

FOUO 9695260

895

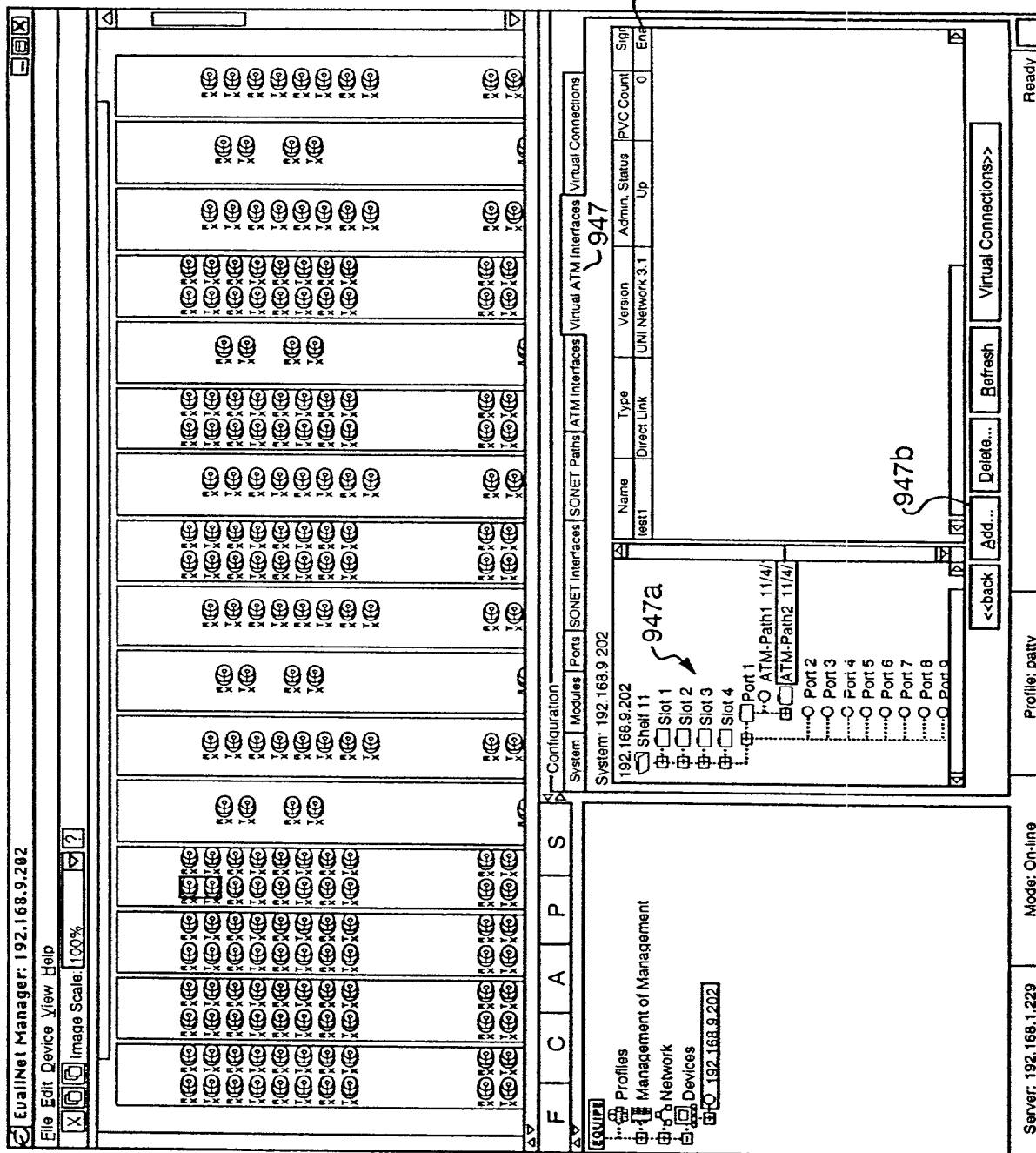


FIG. 5U

TD280-32695/60

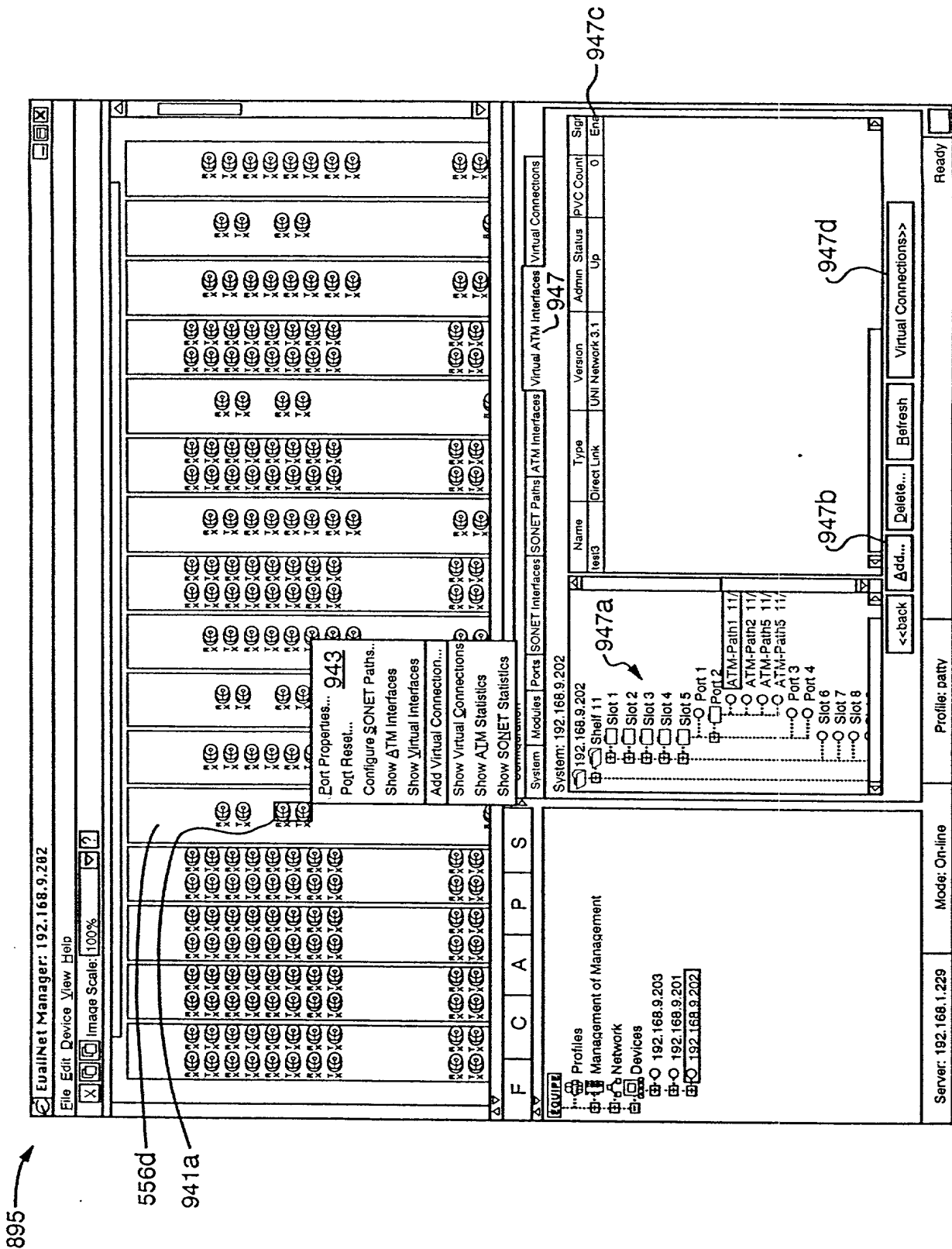


FIG. 5V

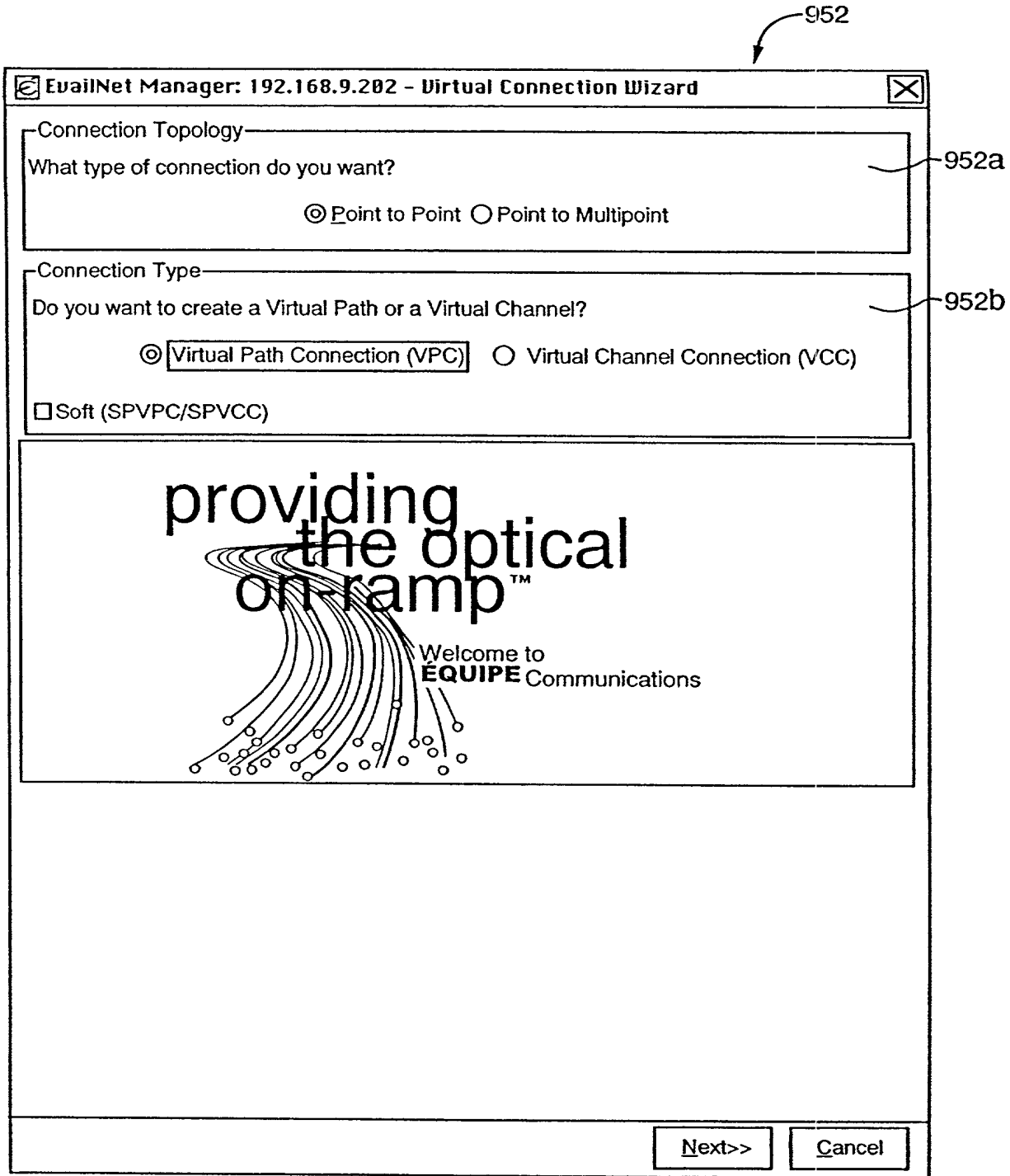


FIG. 5W

953

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

953a End Point 1

Slot 4
Port 1
 ATM-Path1_11/4/1
 ATM-Path2_11/4/1
 test1
 test2
Port 2
Port 3
Port 4

953b

953c End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
 ATM-Path1_11/5/2
 test3
 ATM-Path2_11/5/2
 ATM-Path5_11/5/2

953d

953e Connection Parameters

Connection Name: test

Admin Status: Up 953h

Customer Name: Walmart Customer List

953f End Point 1 Parameters:

VPI: 953i ☒ Use Any VPI Value 953k

VCI: 953m ☐ Use Any VCI Value 953o

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptor...

Receive Traffic Descriptor: VBR-high 953q

☐ Use the same Traffic Descriptor for both Transmit and Receive

953g End Point 2 Parameters:

VPI: 953j ☒ Use Any VPI Value 953l

VCI: 953n ☐ Use Any VCI Value 953p

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptors...

Receive Traffic Descriptor: VBR-high 953r

☐ Use the same Traffic Descriptor for both Transmit and Receive 953u 953w 953v

<<Back Finish Cancel

FIG. 5X

956

NEW TRAFFIC
DESCRIPTOR

NAME:

QoS CLASS: ▼

TYPE: ▼

FIG. 5Y

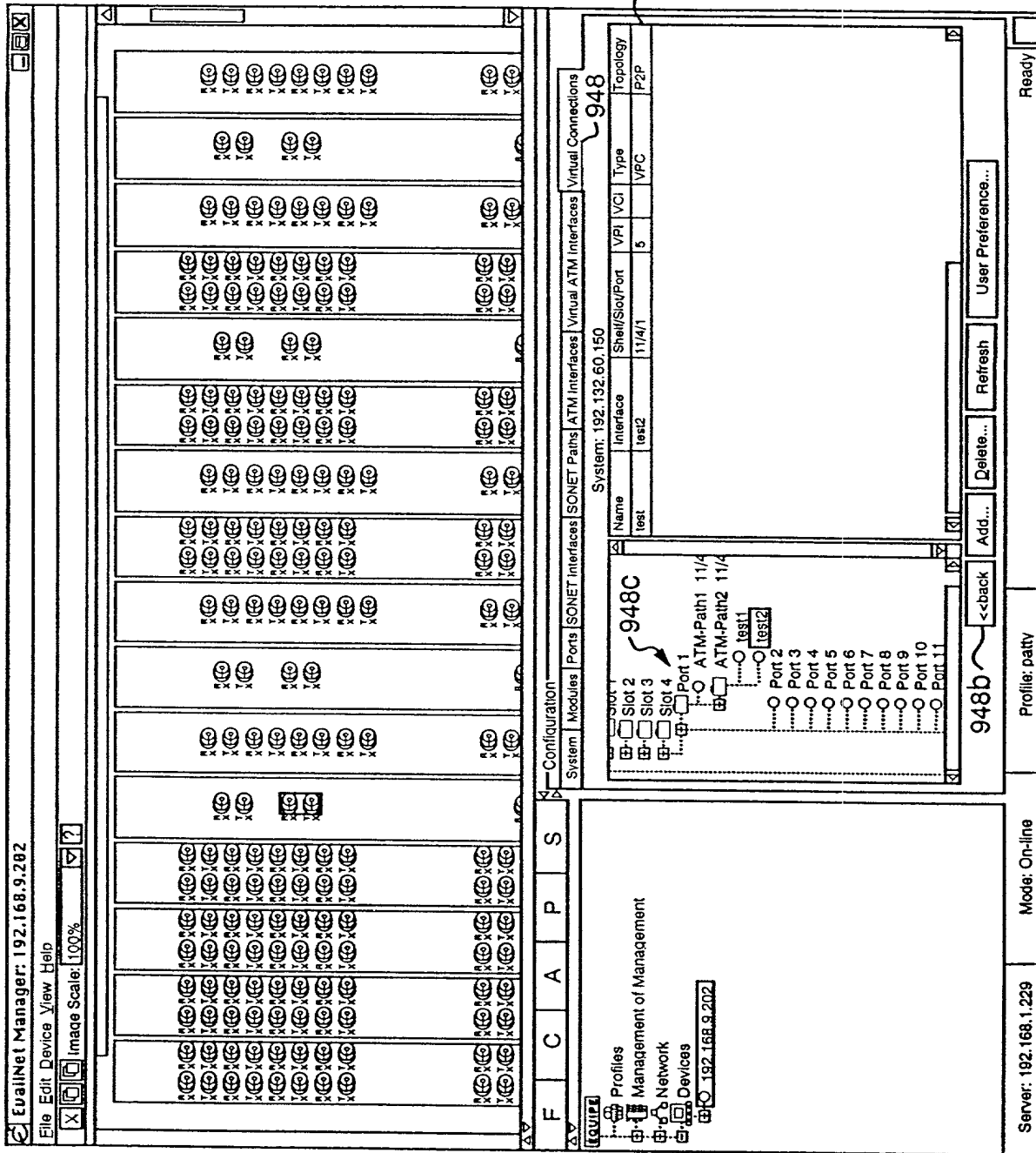


FIG. 5Z

FIG. 6B is a screenshot of a dialog box titled "AddDeleteDeviceDlg". The dialog box contains the following elements:

- A text input field labeled "Enter device to add" (898e) containing the IP address "192.168.9.201".
- A checkbox labeled "Manage device in on-line mode" (898k) which is currently unchecked. A label "898l" points to this checkbox.
- An "Add" button (898f) located to the right of the checkbox.
- A "Device List" section containing a list box labeled "On-Line Device" (898g). The list box is currently empty.
- Three buttons at the bottom: "OK", "Cancel", and "Delete".

The entire dialog box is labeled with reference numeral 898d.

FIG. 6B

FIG. 6C is a screenshot of the same "AddDeleteDeviceDlg" dialog box, but in a state where a device has been added to the list. The elements are:

- The "Enter device to add" text input field (898e) is now empty.
- The "Manage device in on-line mode" checkbox (898k) remains unchecked, with label "898l" pointing to it.
- The "Add" button (898f) is still present.
- The "Device List" section (898g) now contains one entry: "192.168.9.201". To the left of this entry is a small square checkbox, and a label "898m" points to it.
- The "OK", "Cancel", and "Delete" buttons remain at the bottom.

The entire dialog box is labeled with reference numeral 898d.

FIG. 6C

10/28/95 9:55:46

895

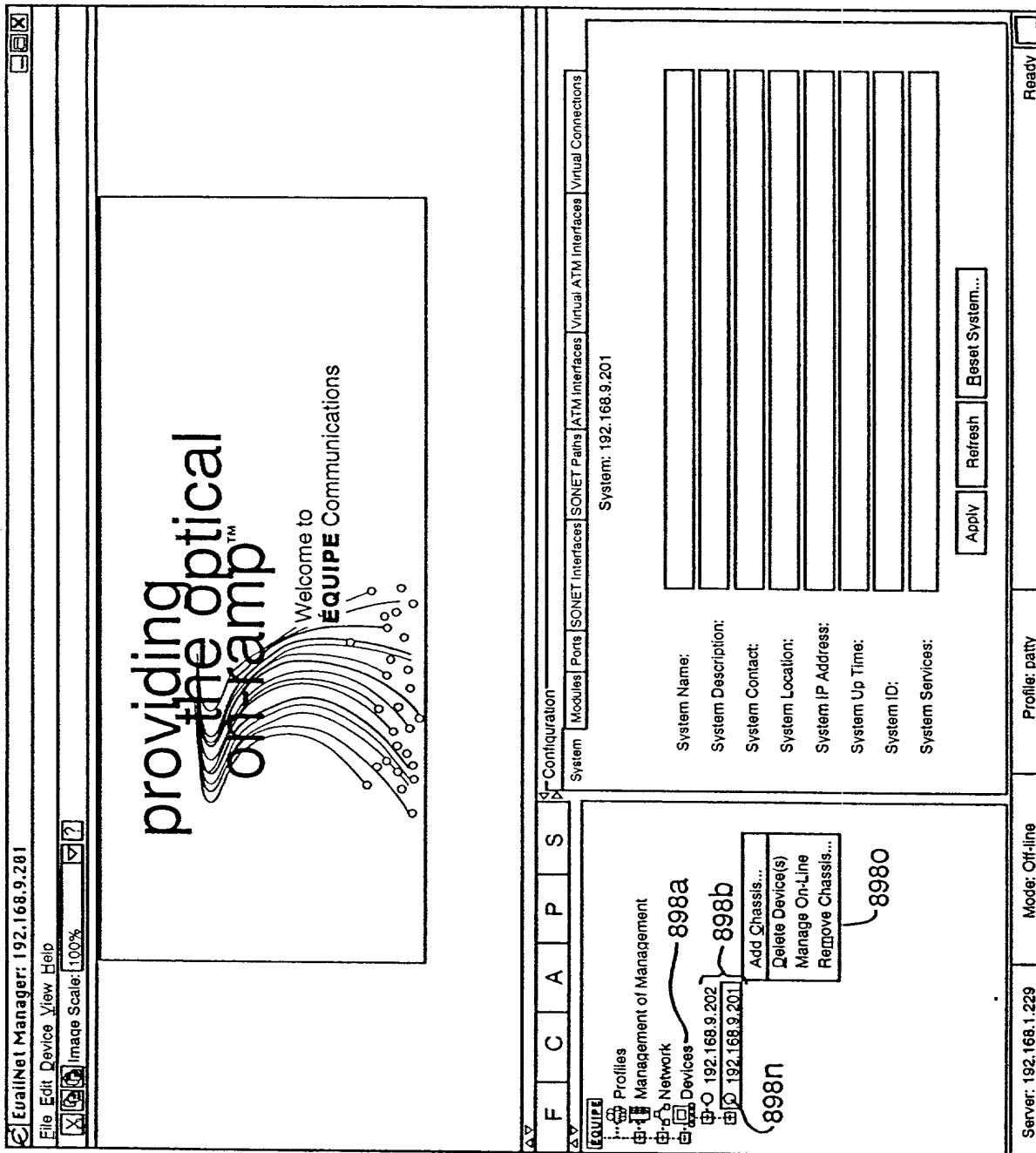


FIG. 6D

FIG. 6E

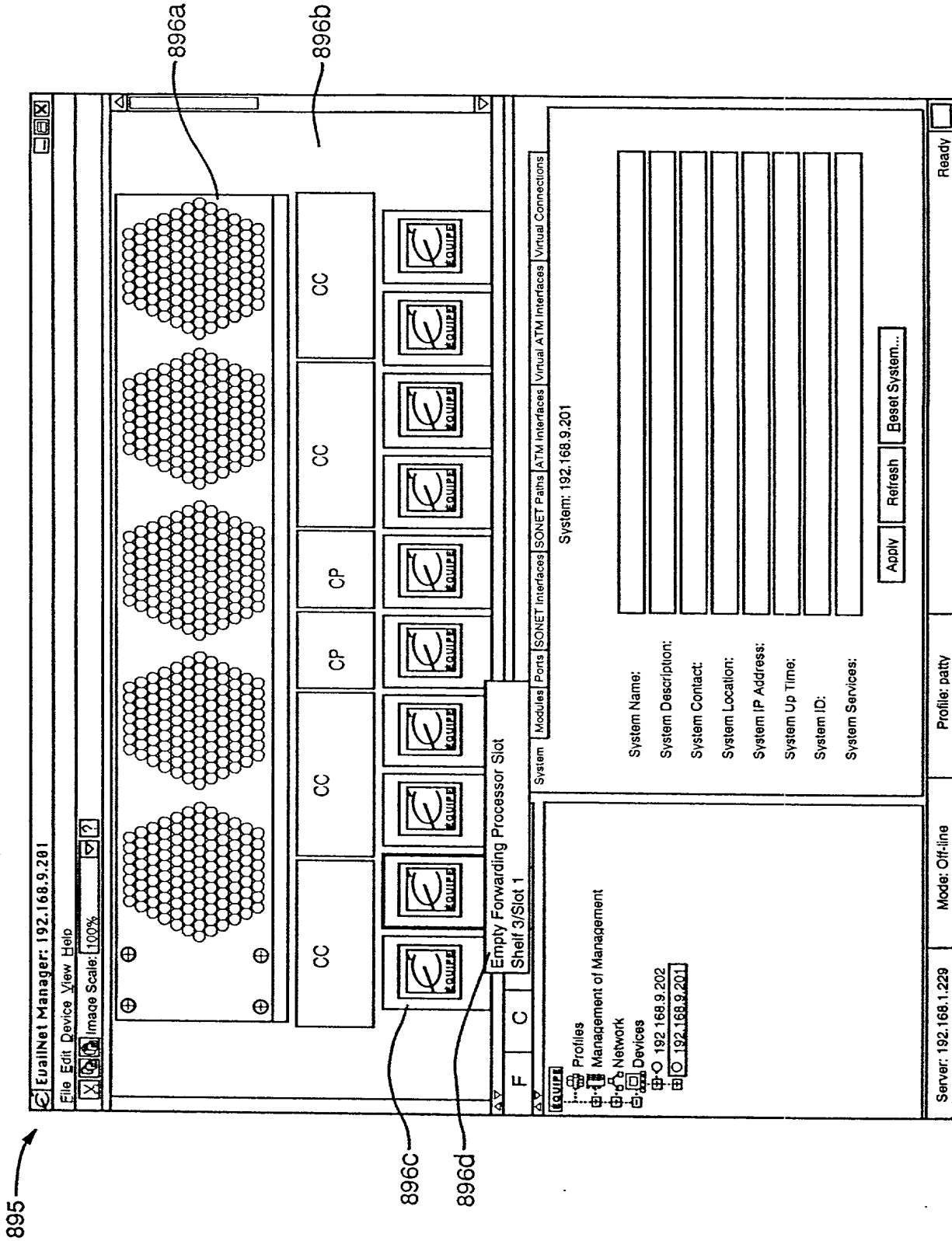


FIG. 6E

FIG. 6F

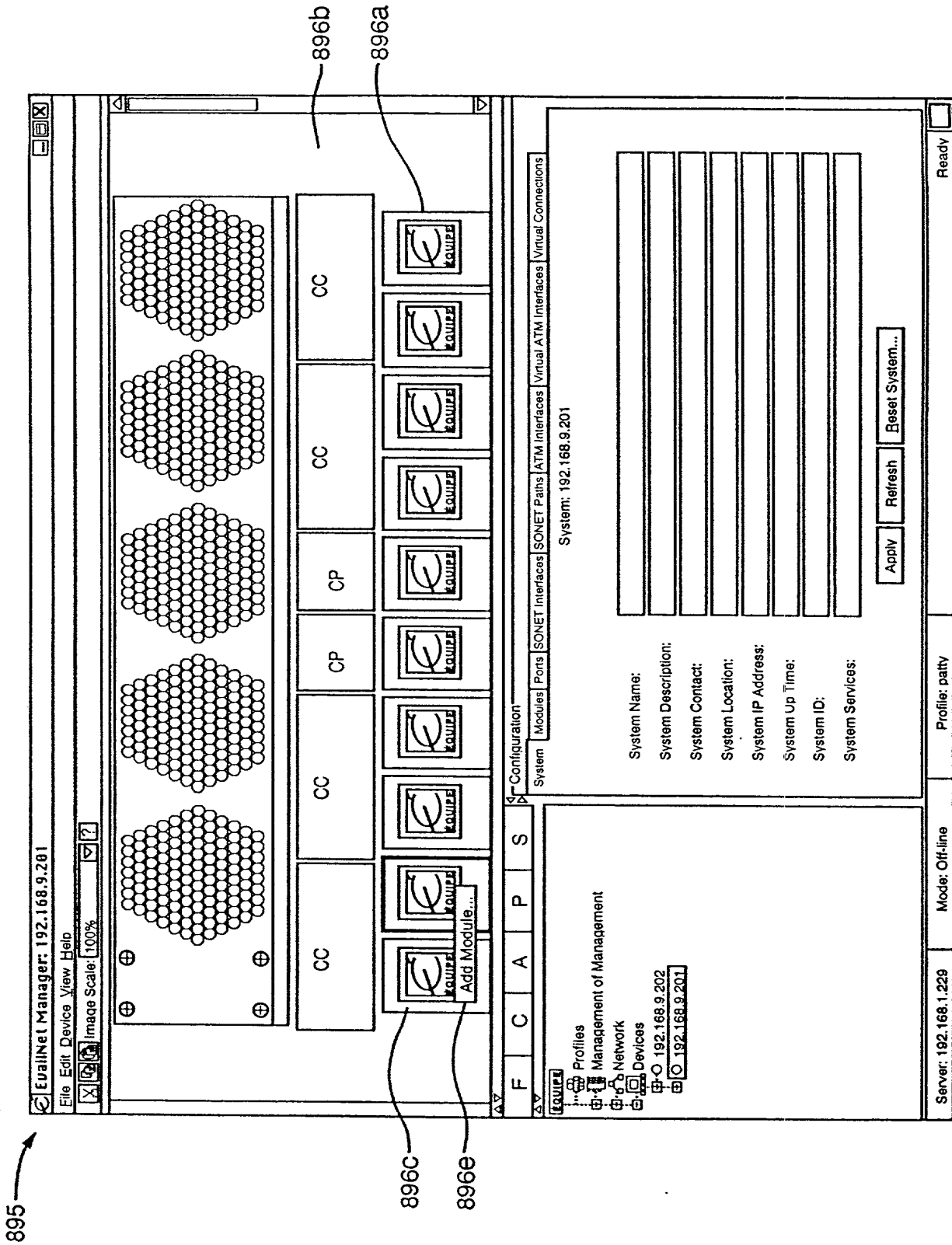
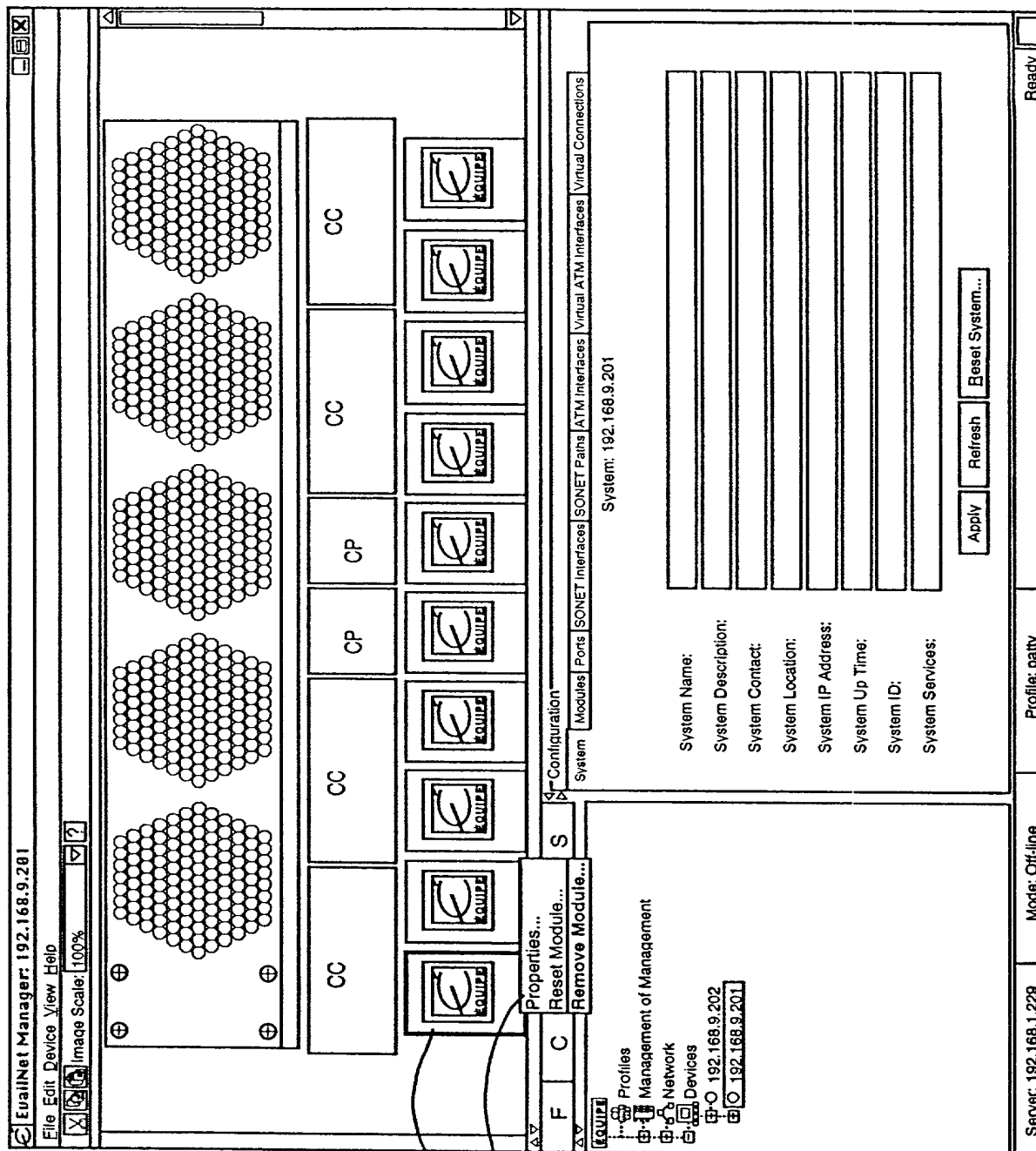


FIG. 6F

10/22/00 13:55:50

895



546a

896t

FIG. 6G

102689-67

895

896f

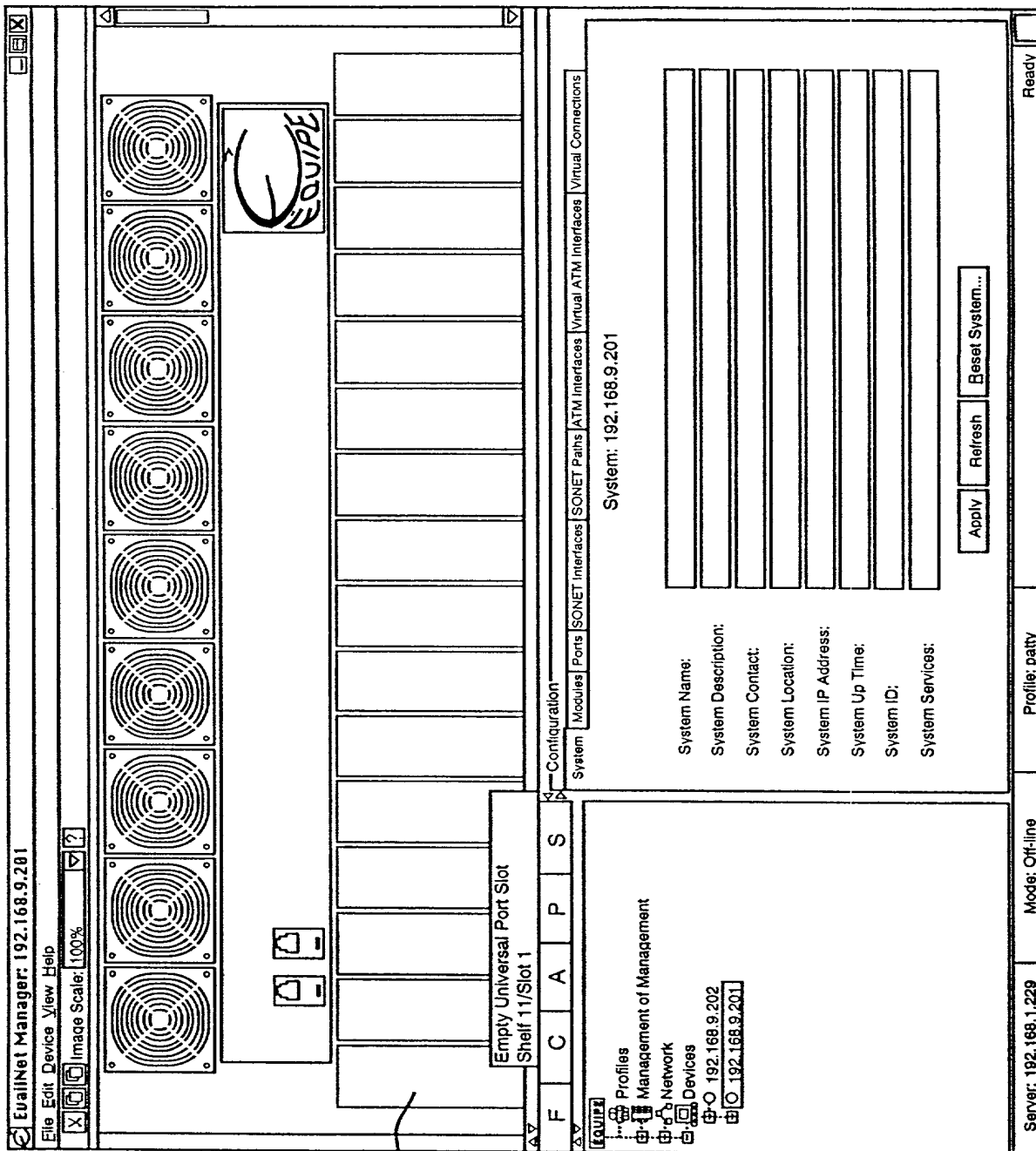


FIG. 6H

10/22/01 9:55:46

895

896f

896g

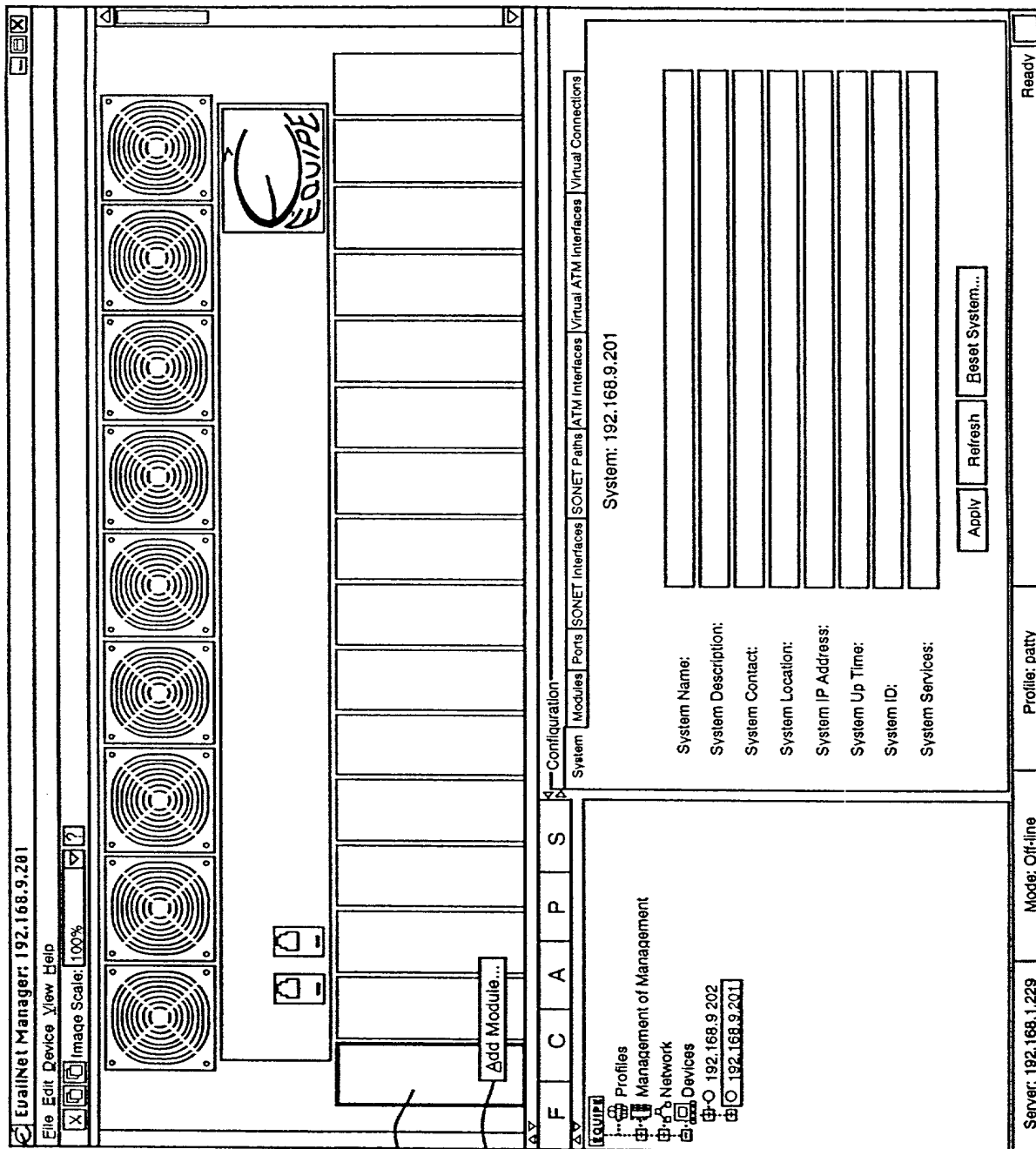


FIG. 6I

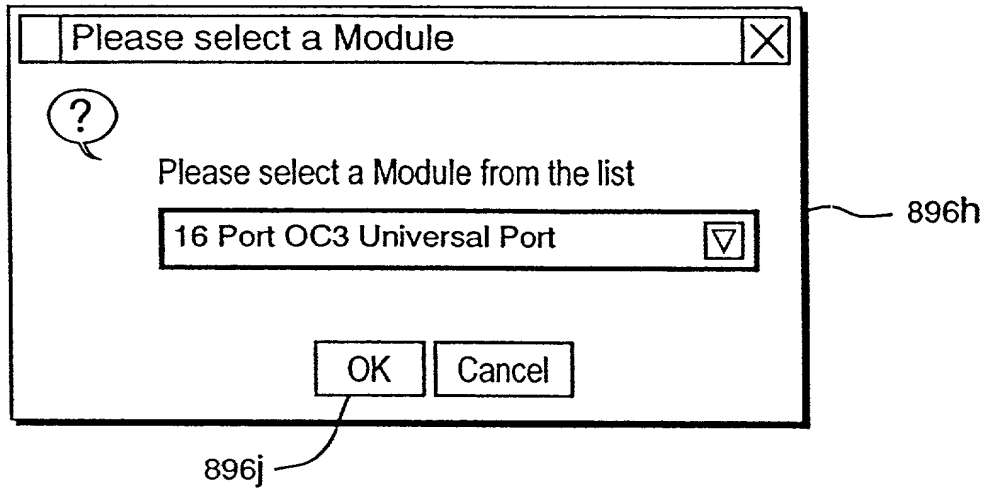


FIG. 6J

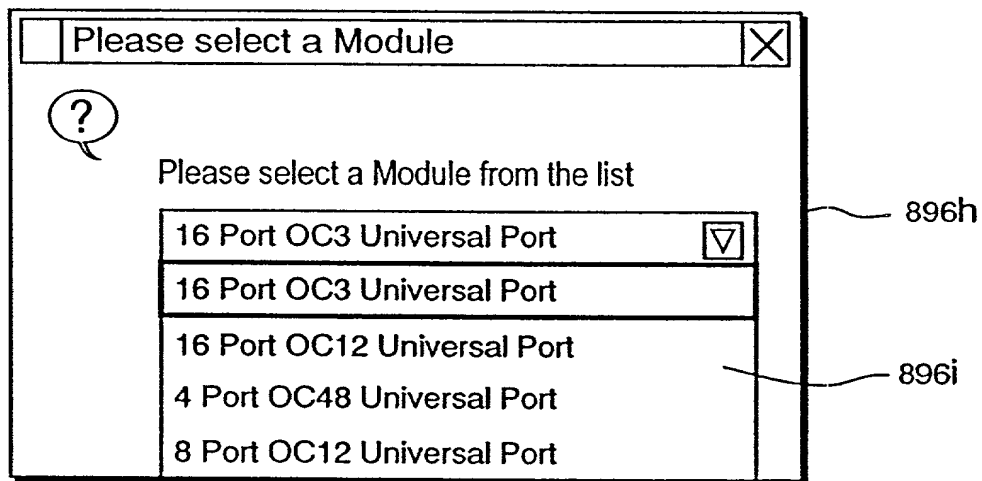
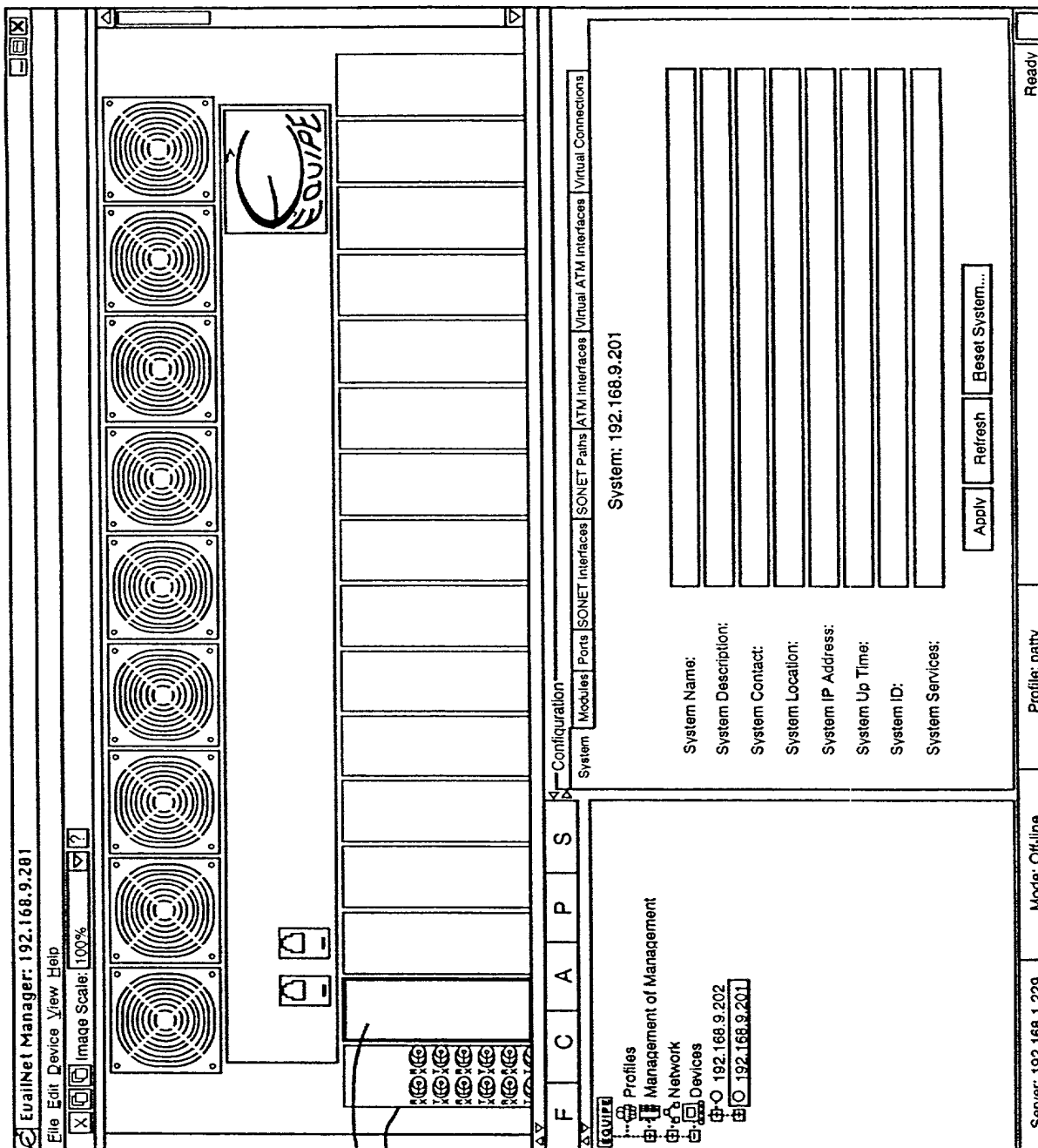


FIG. 6K

10/22/00 9:26:52 AM

895



556i

556h

FIG. 6L

102689-67

895

556g

556h

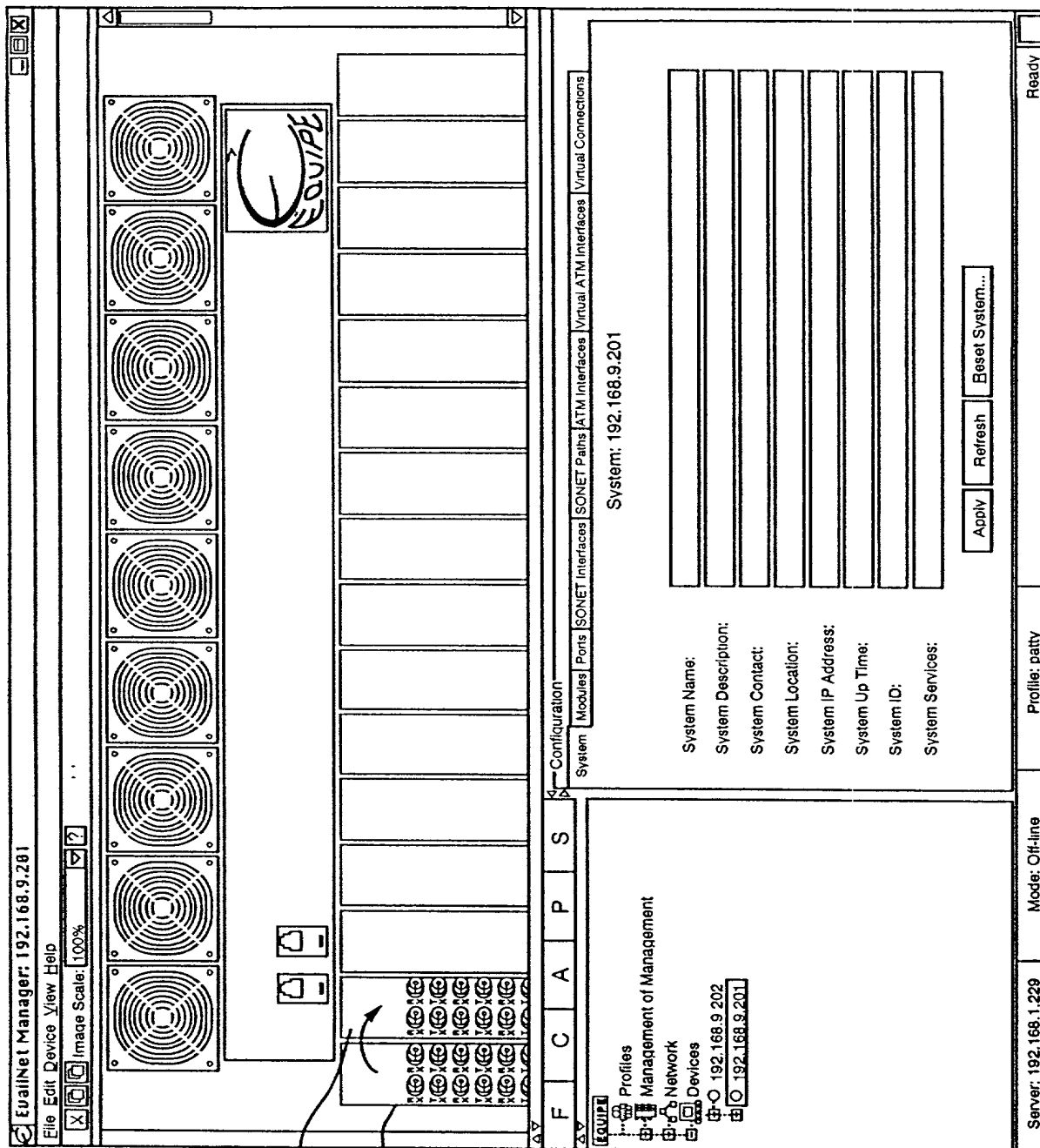


FIG. 6M

10/22/00 09:55:50

895

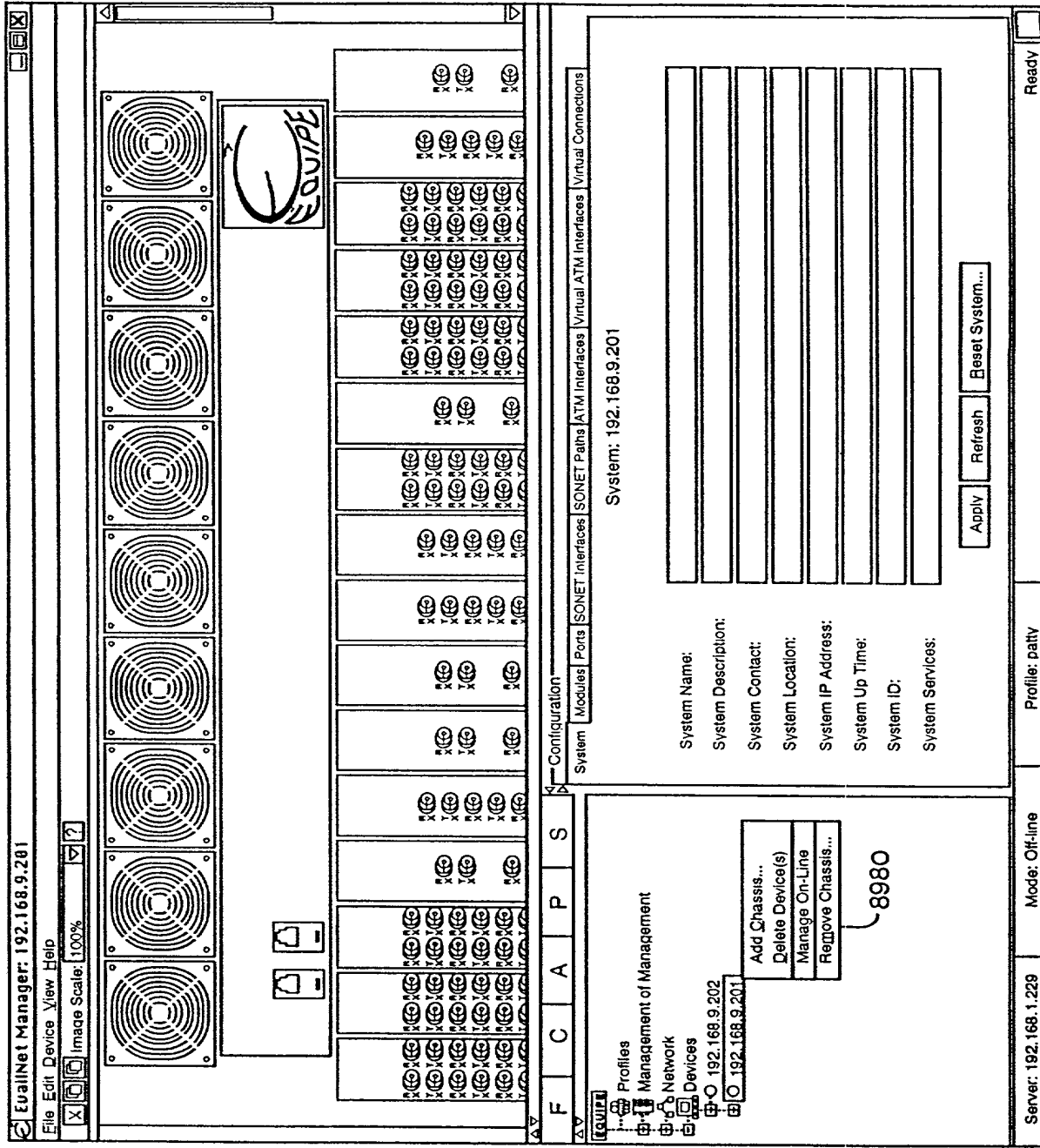


FIG. 6N

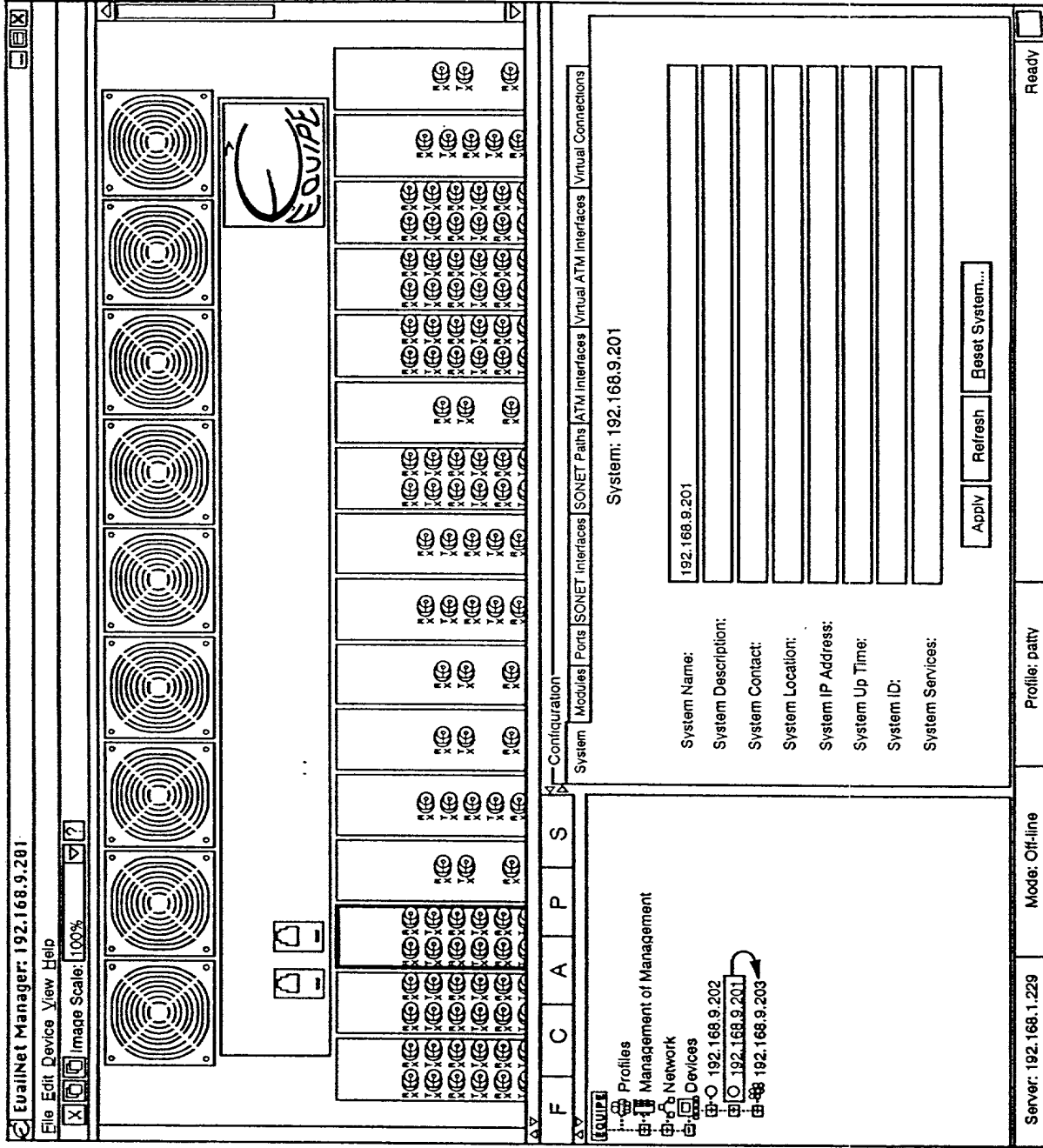


FIG. 60

102689-67

895

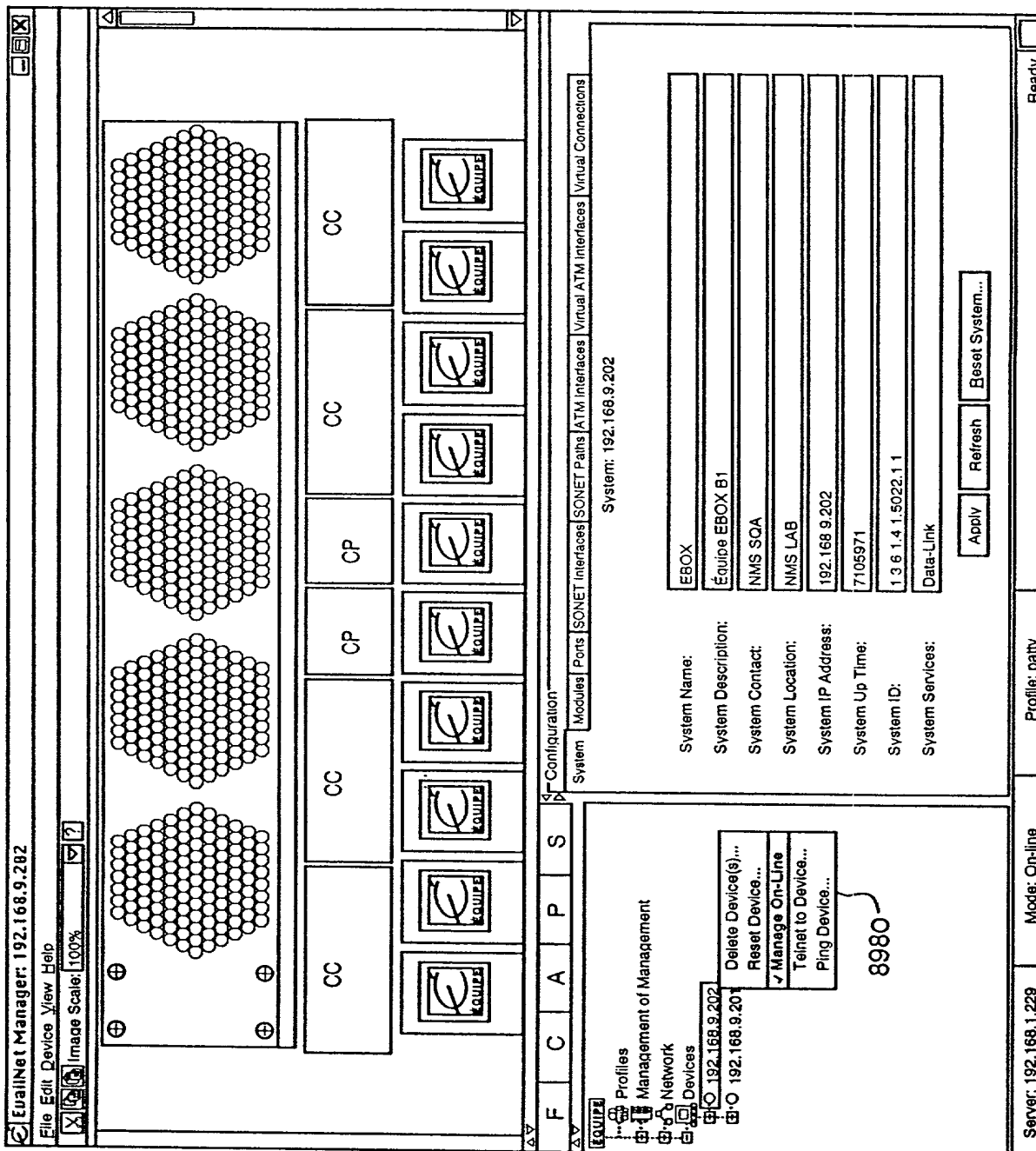


FIG. 6P

10/23/99 9:59:50

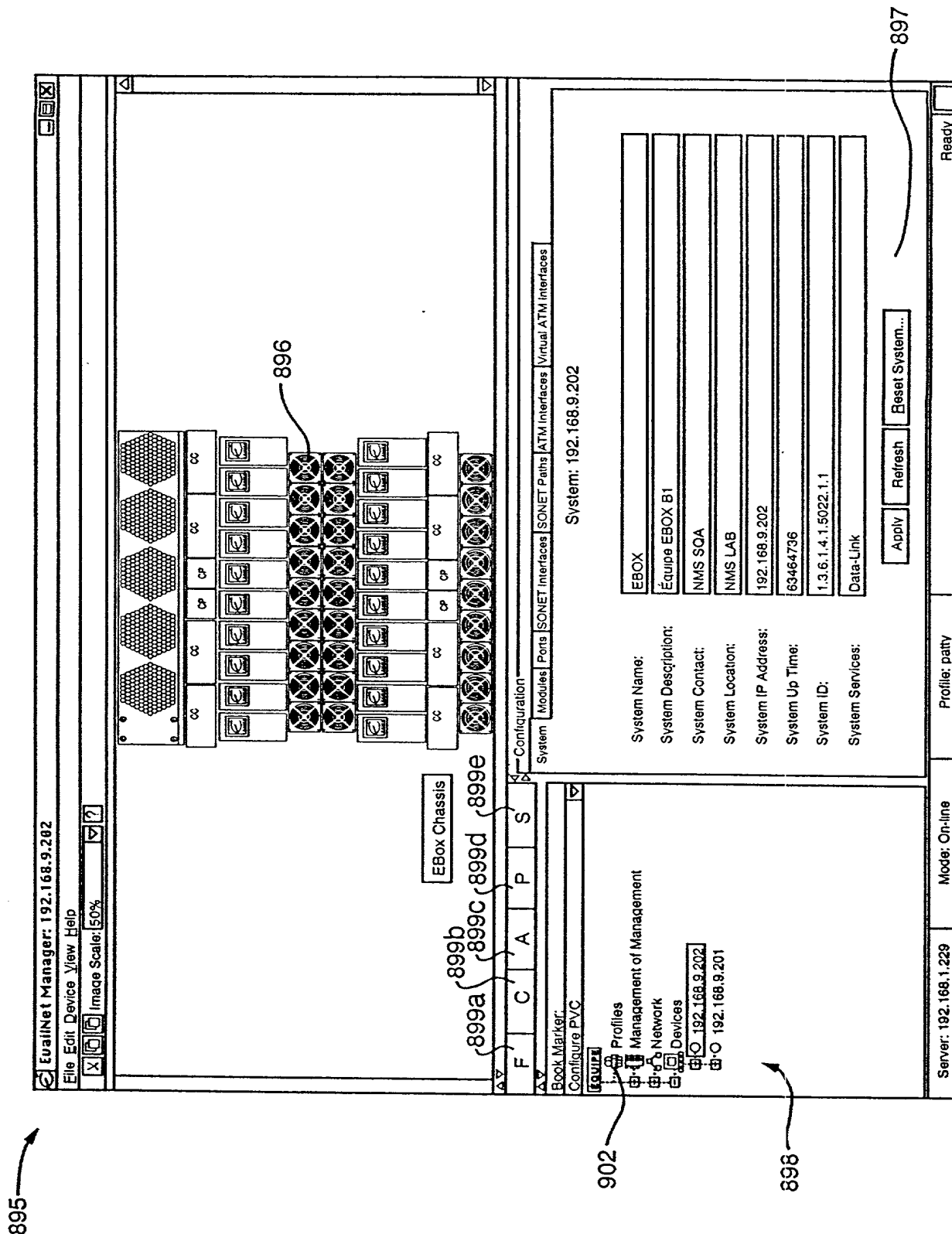


FIG. 7A

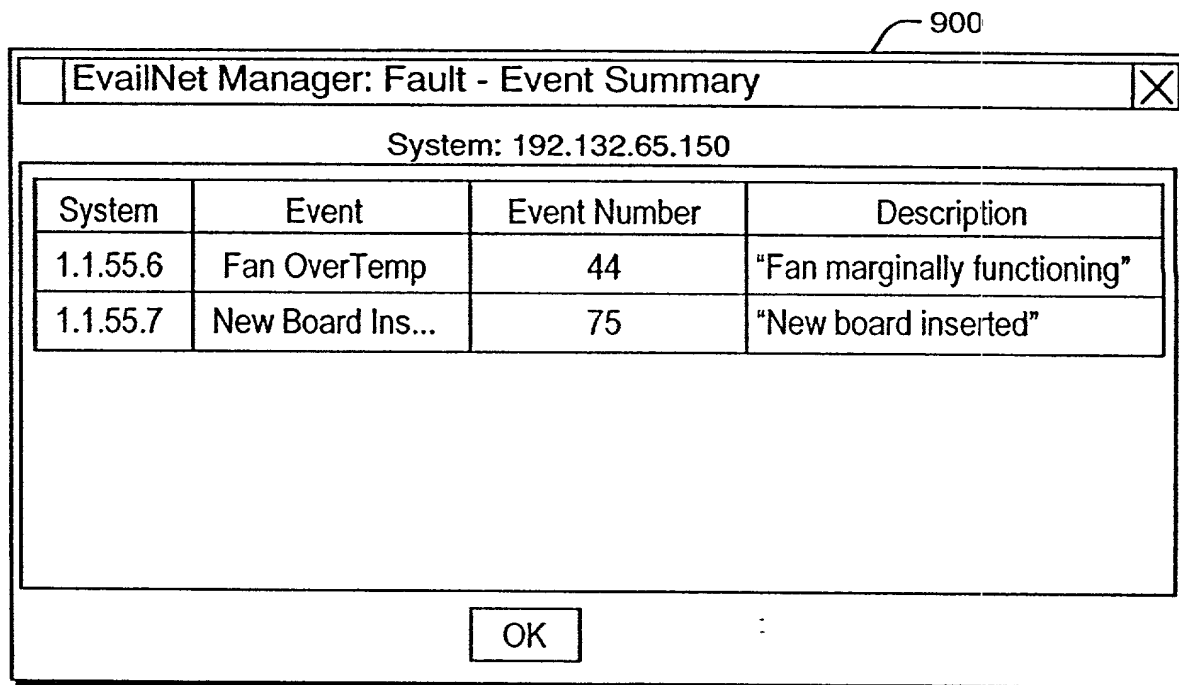


FIG. 7B

FIG. 7D

895

898

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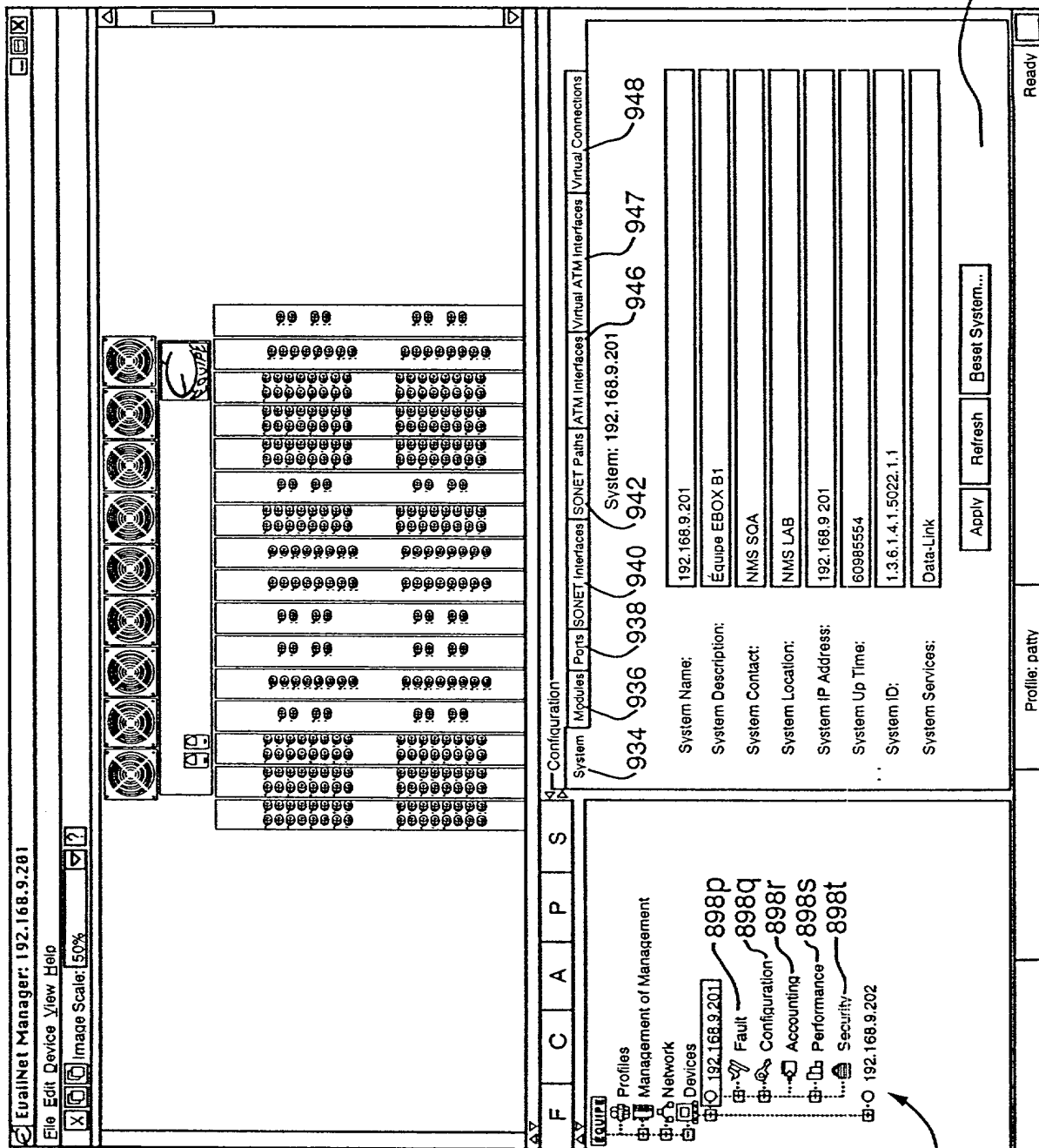


FIG. 7D

102689-67

895

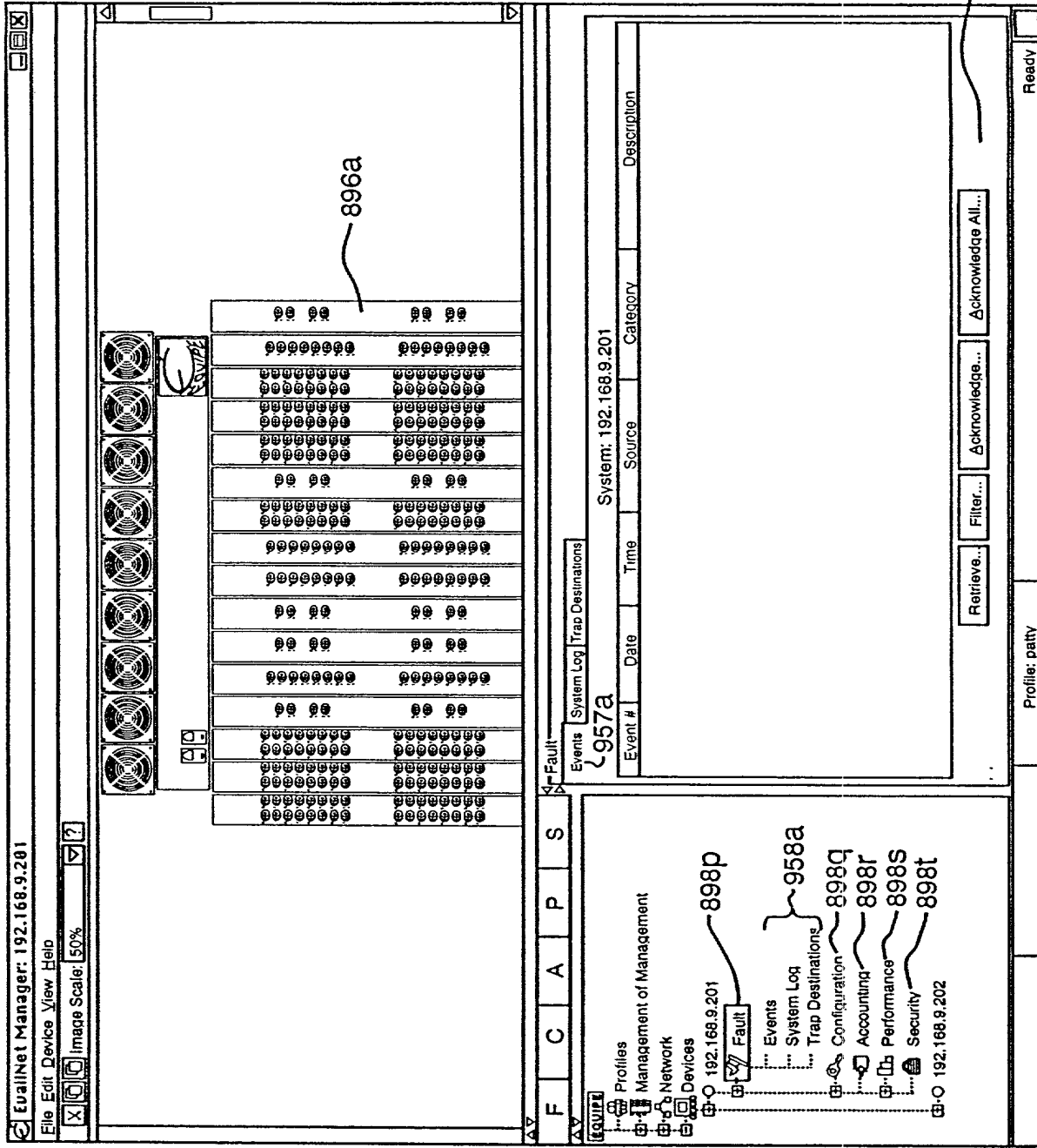


FIG. 7E

897

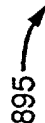


FIG. 7F

10/22/00 22:09:26

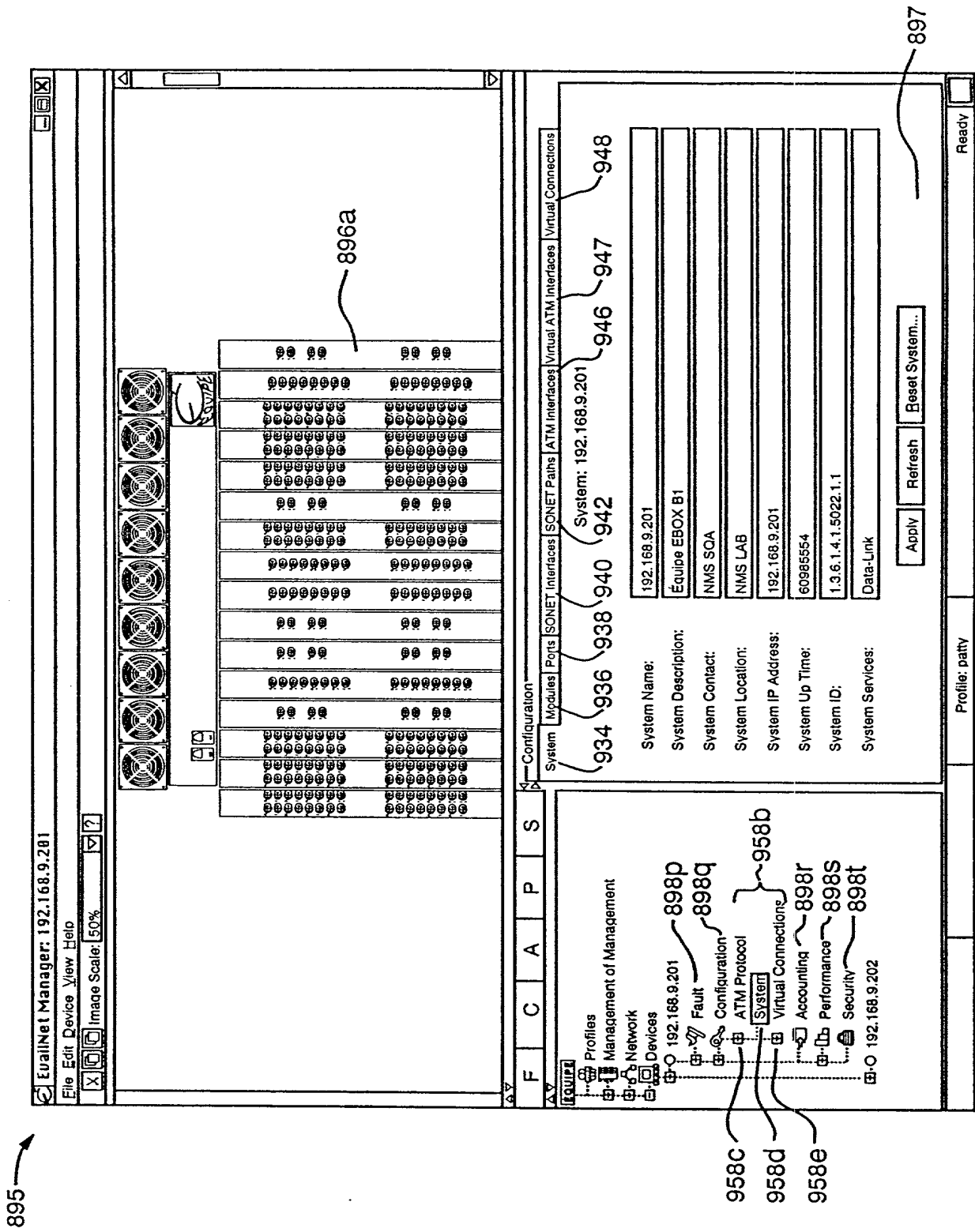
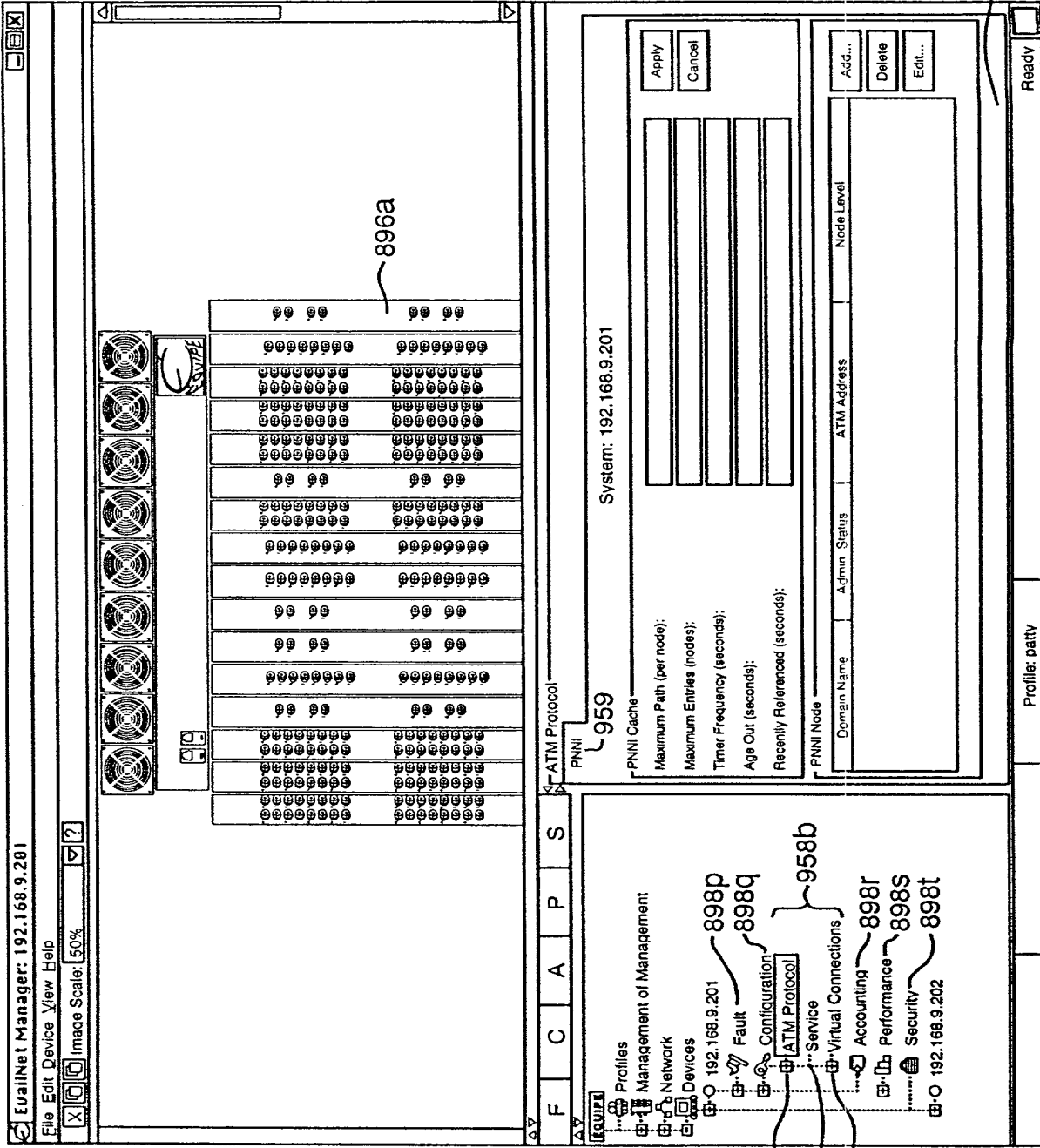


FIG. 7H

10/28/98 9:26:50

895



897

FIG. 71

102689-67

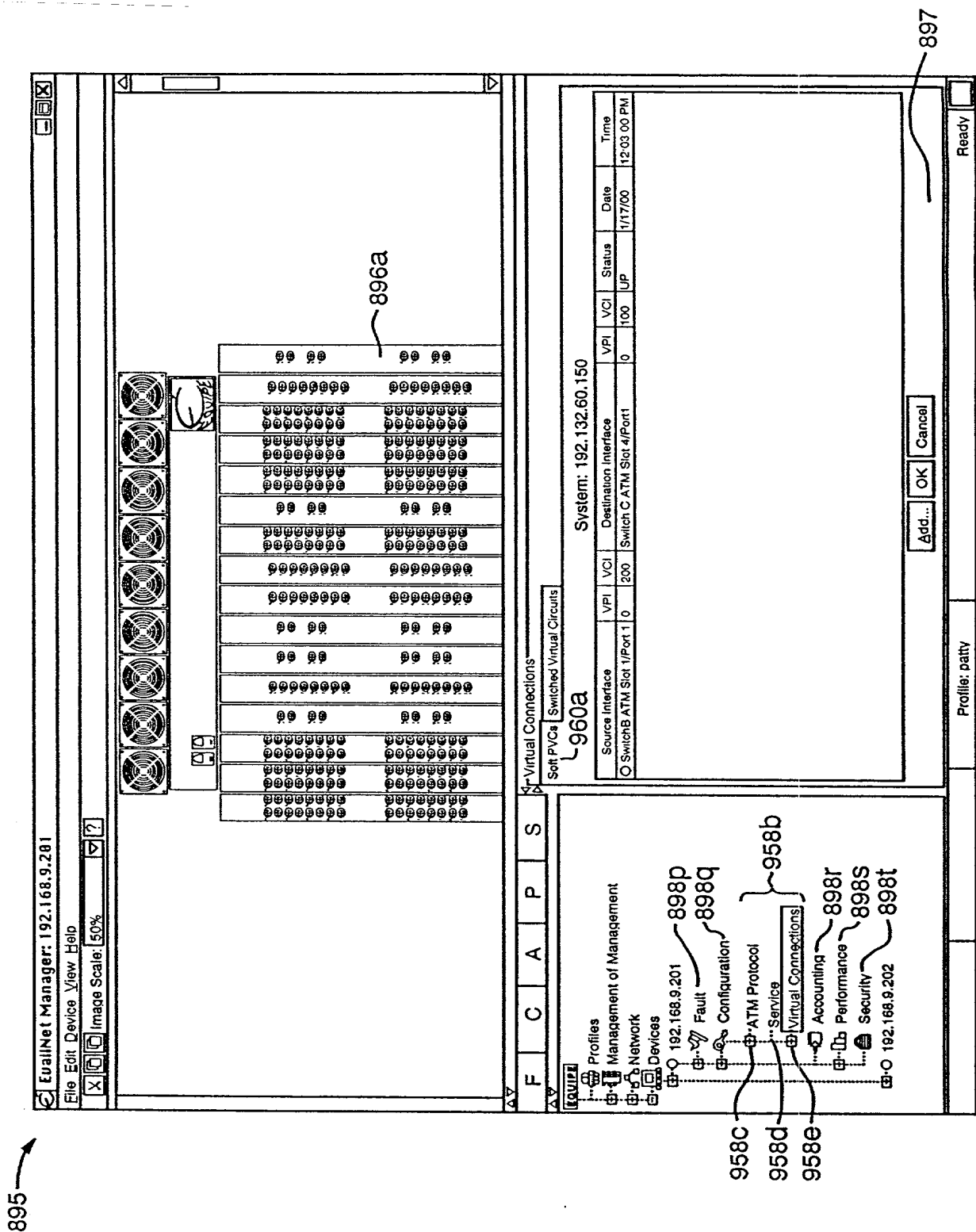


FIG. 7J

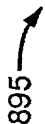
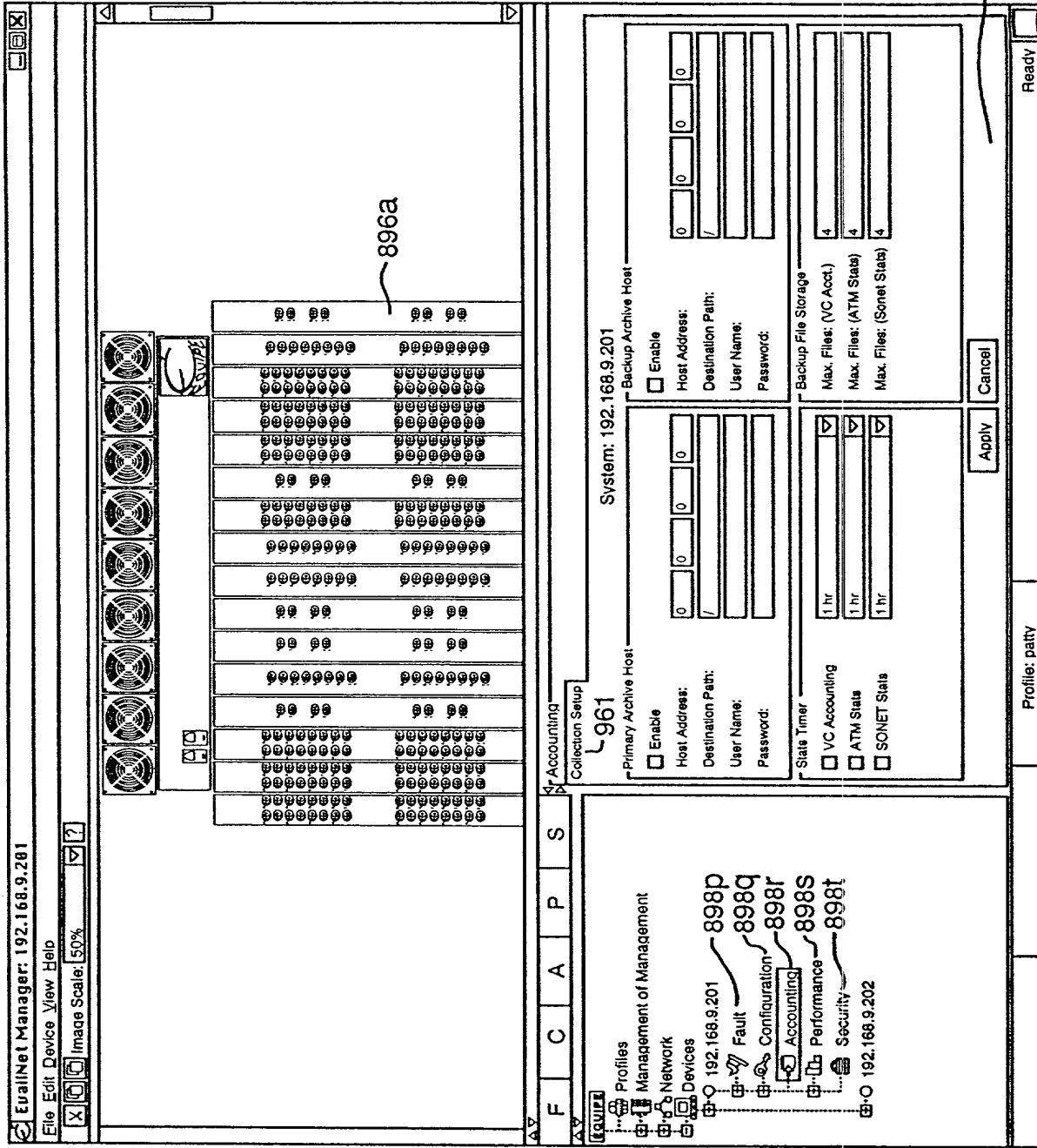


FIG. 7K

102689-67

895



897

FIG. 7L

10/22/00 02:55:26

895

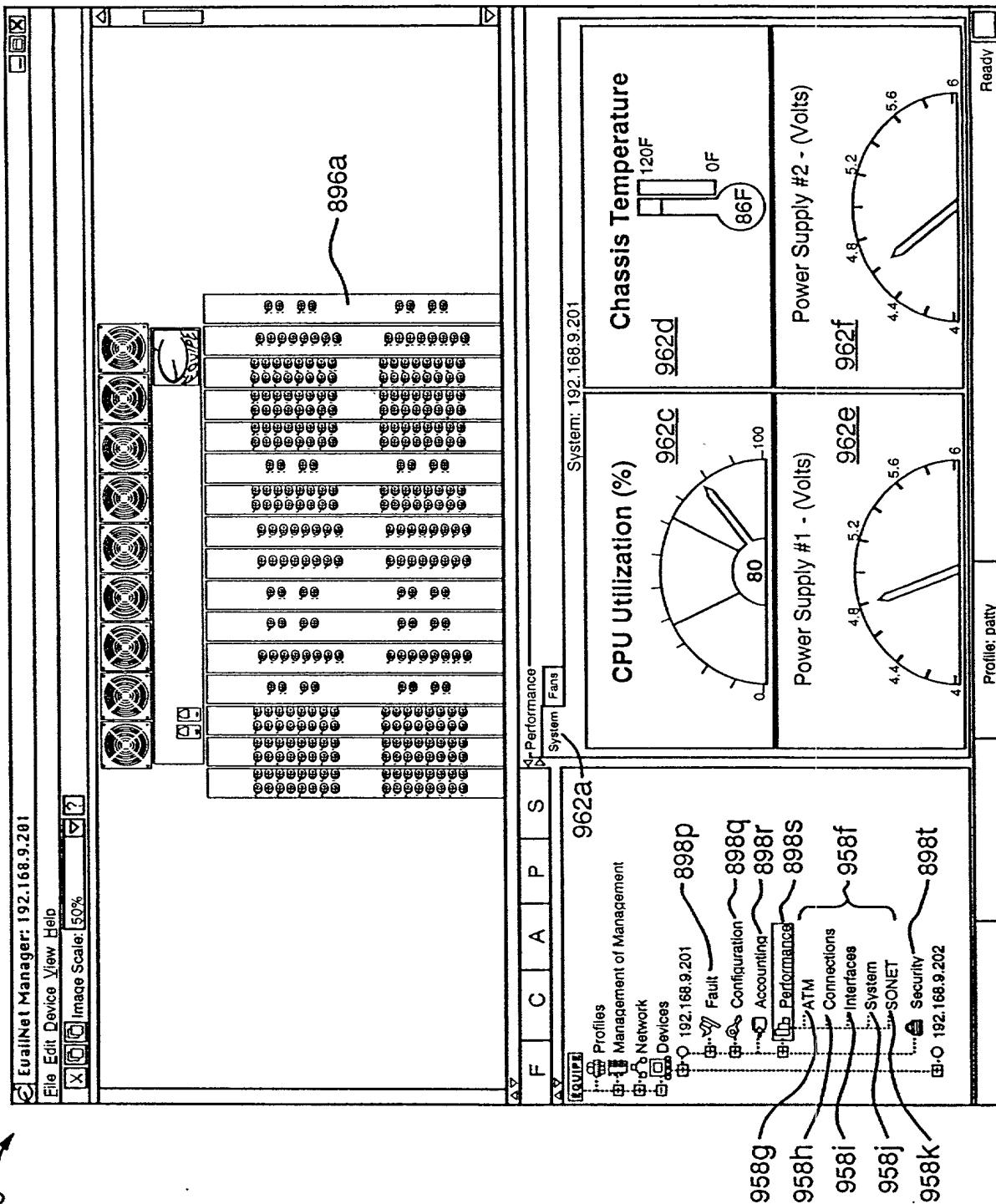


FIG. 7M

FIG. 7N

895

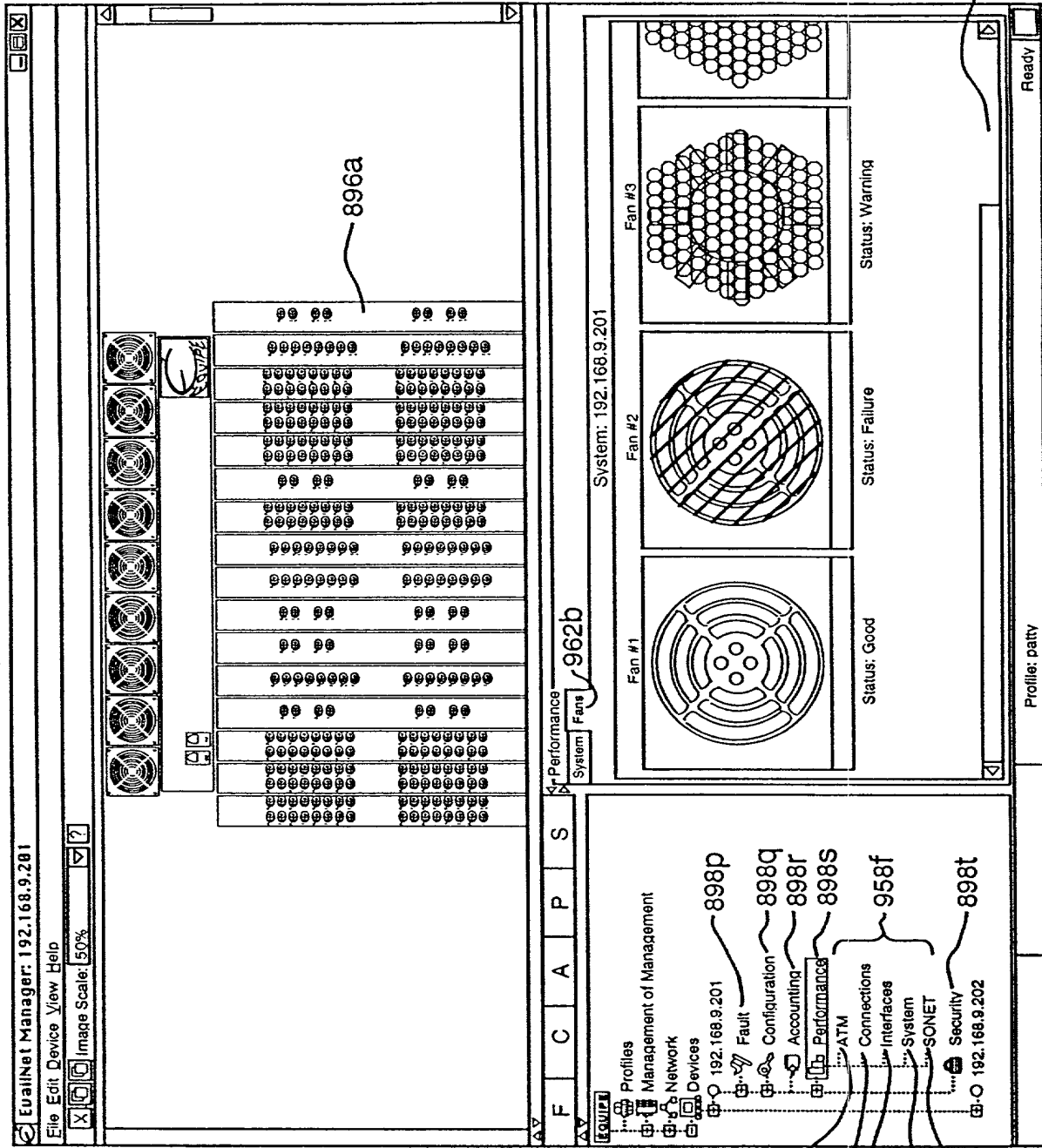


FIG. 7N

FIG. 70

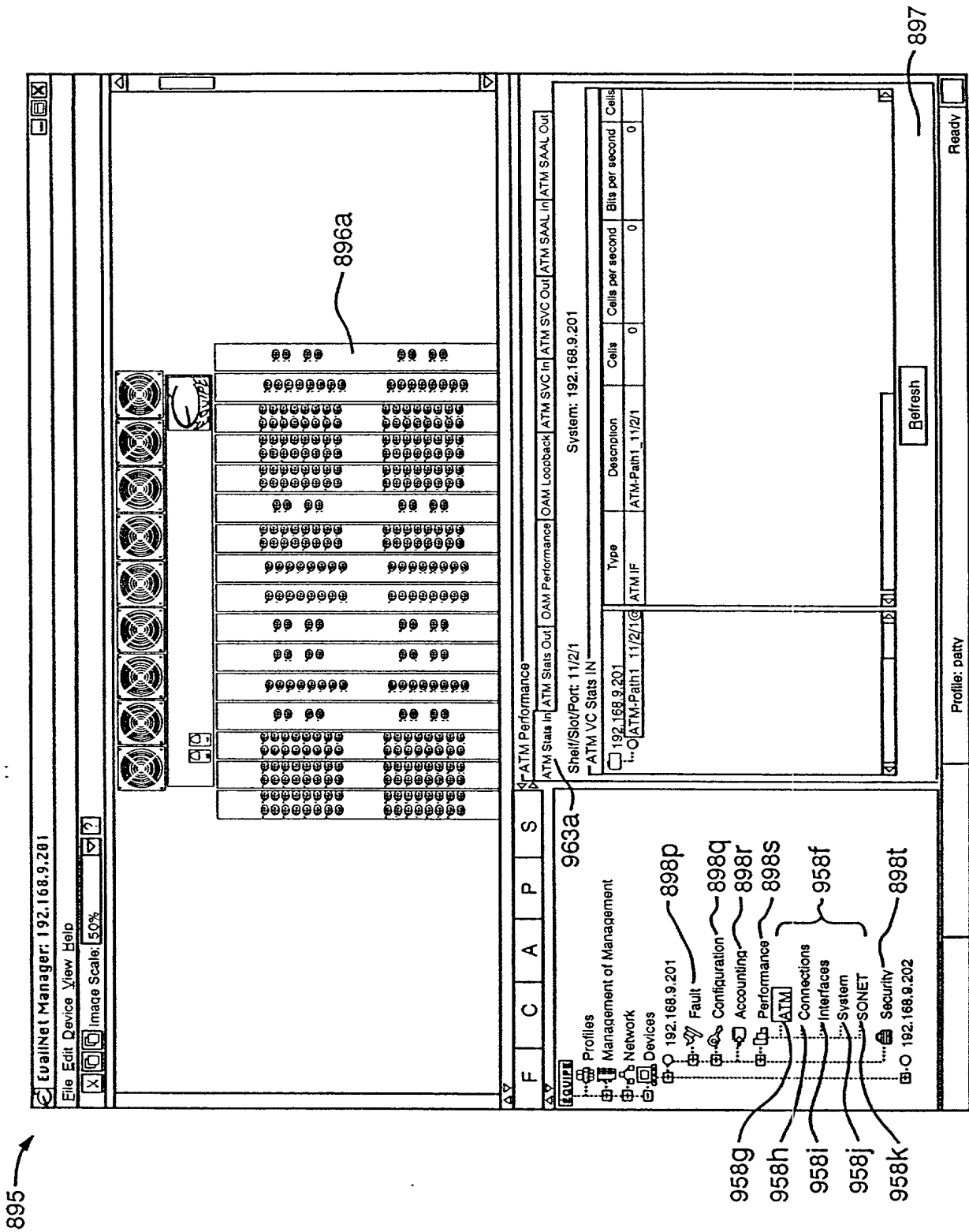


FIG. 70

FIG. 7P

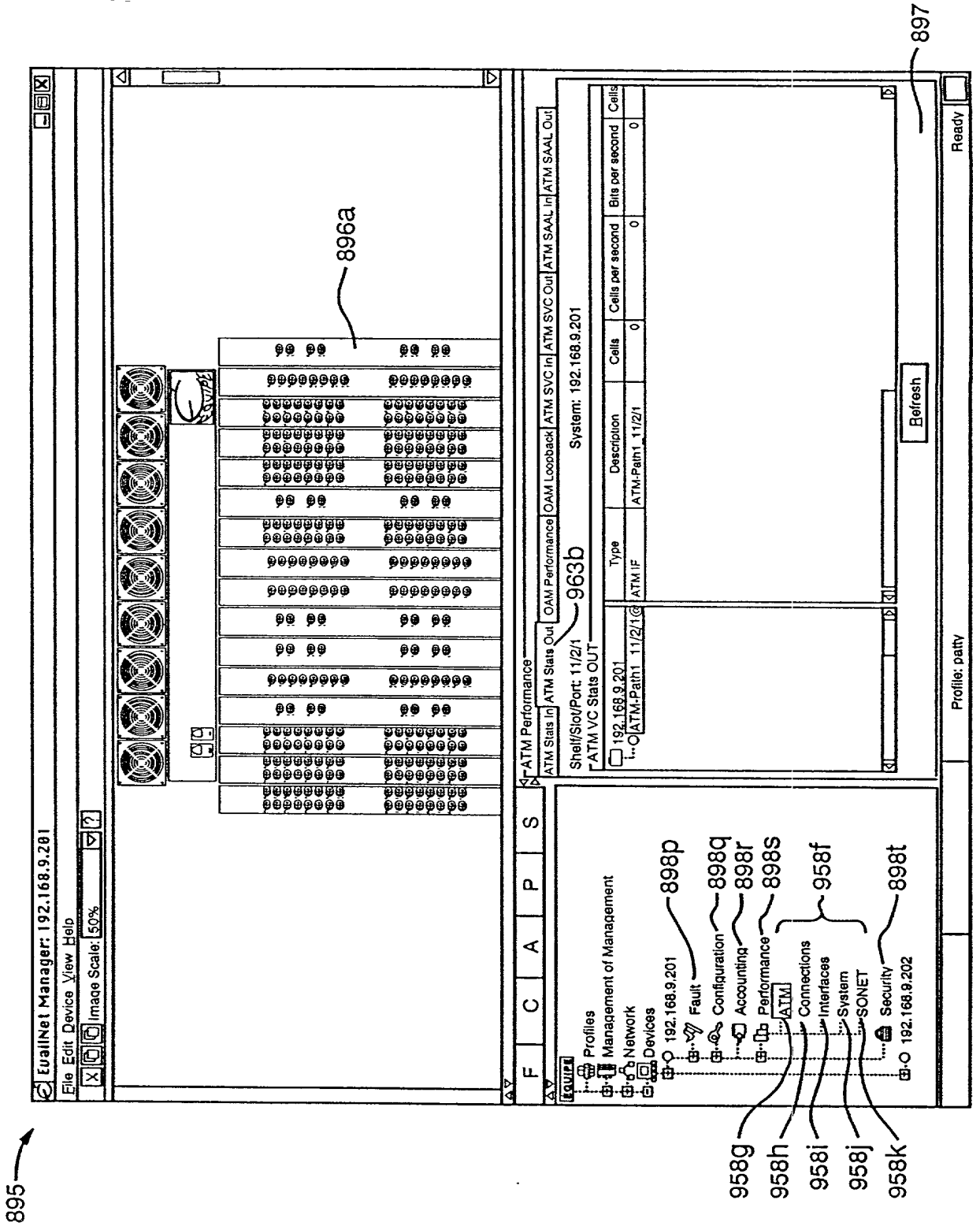


FIG. 7P

10/2/2009 9:26:53/60

895

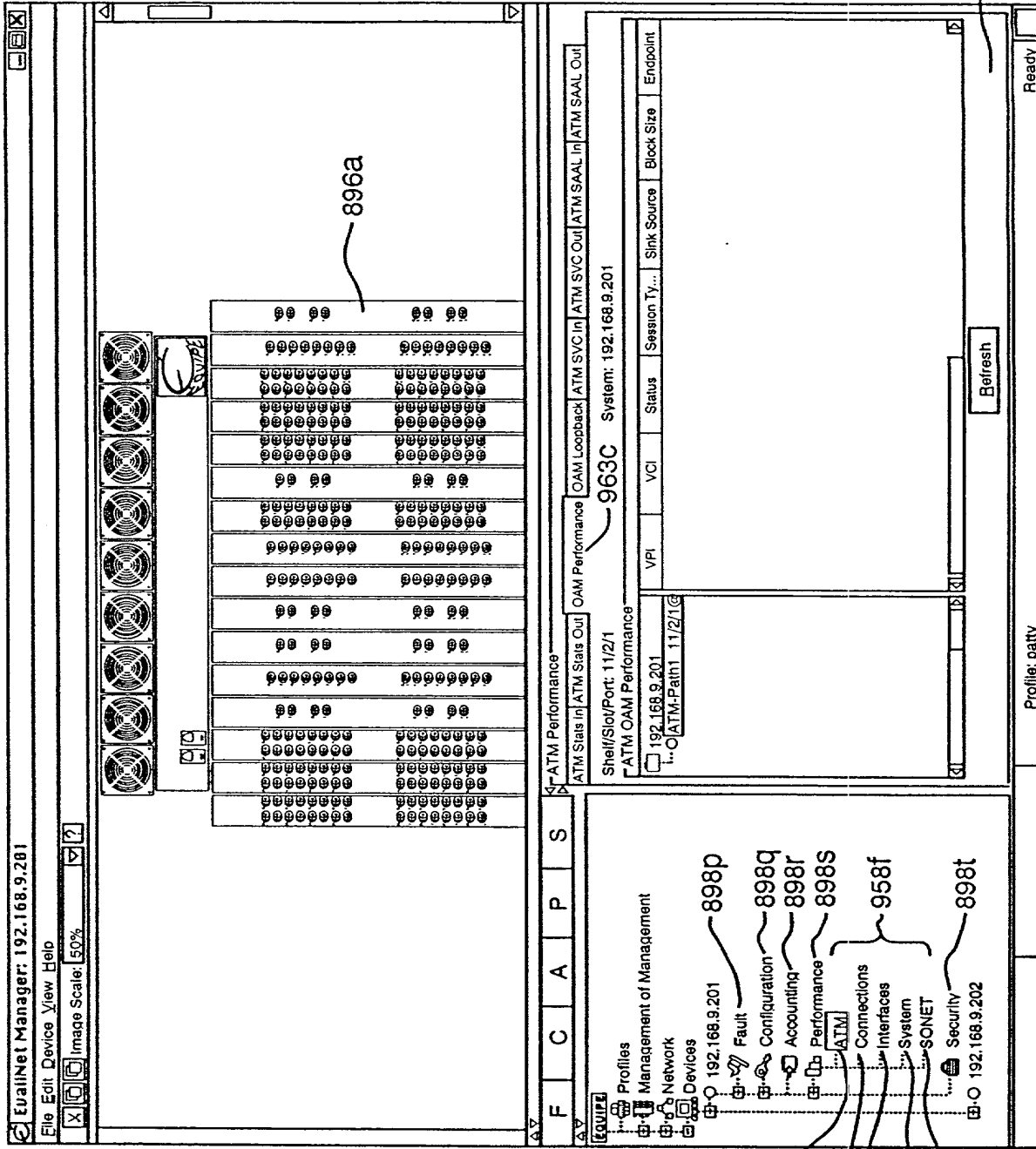
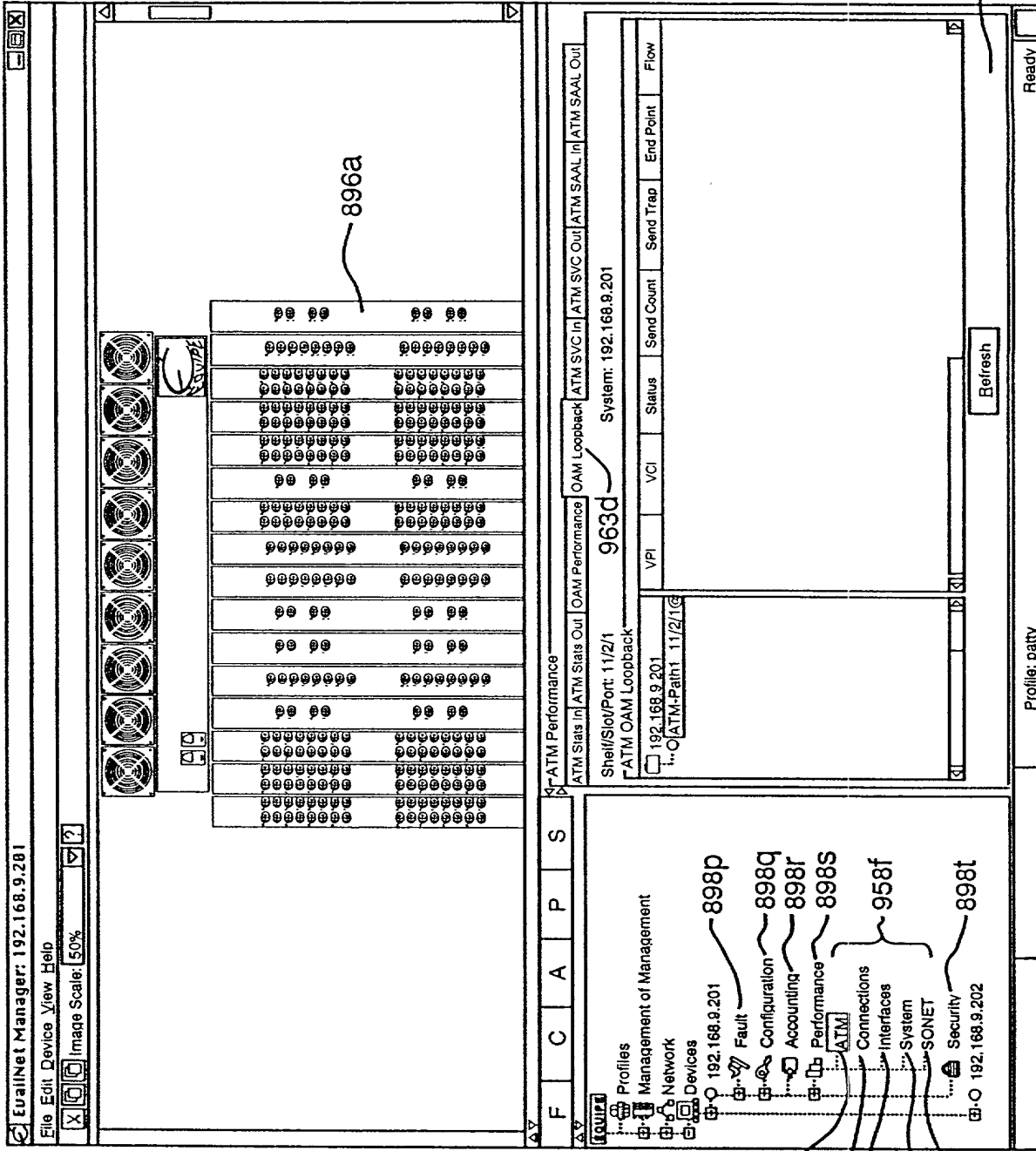


FIG. 7Q

10/22/00 09:53:00

895

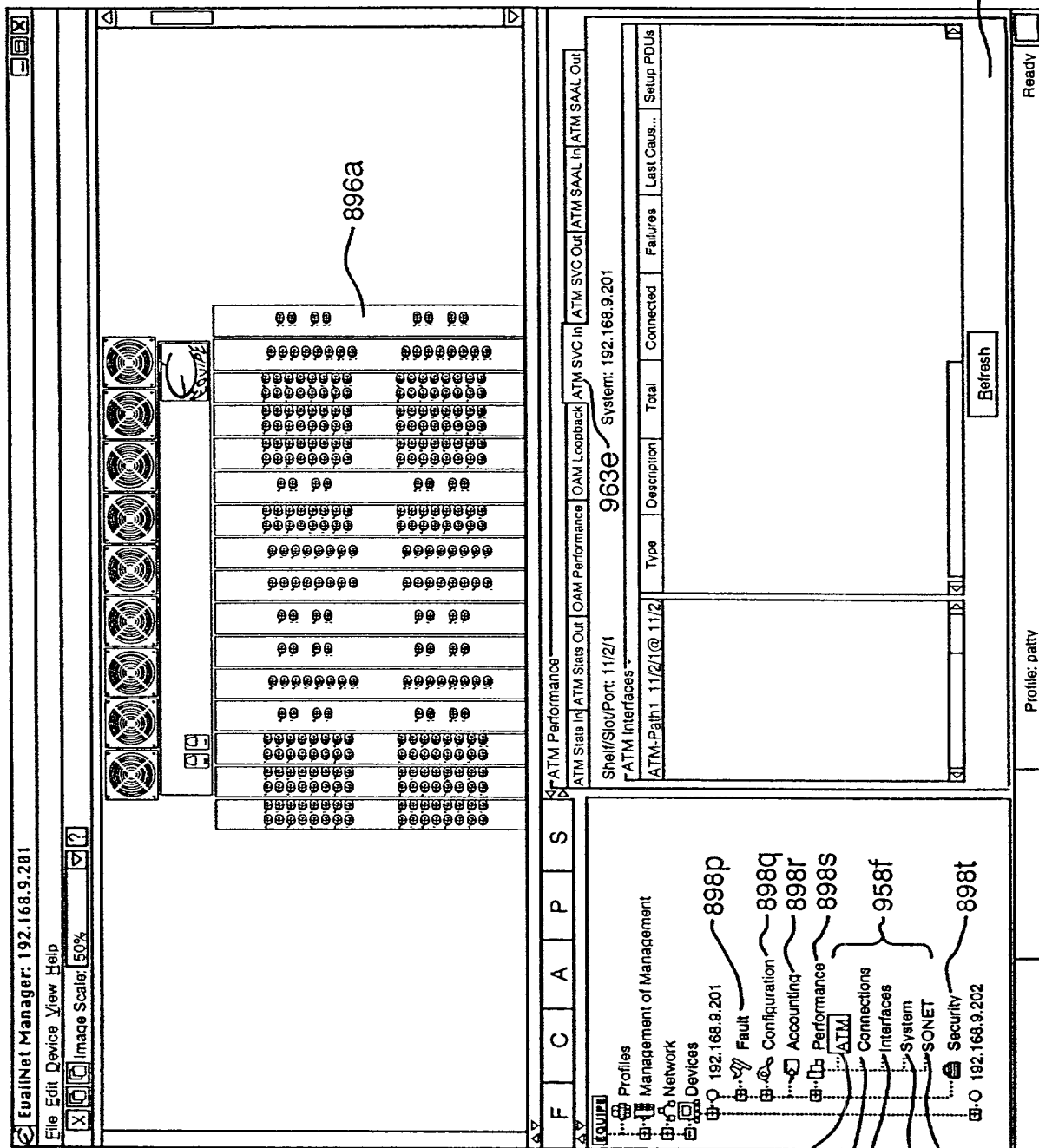


897

FIG. 7R

10/2/2000 9:26:55 AM

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897

FIG. 7S



FIG. 7T

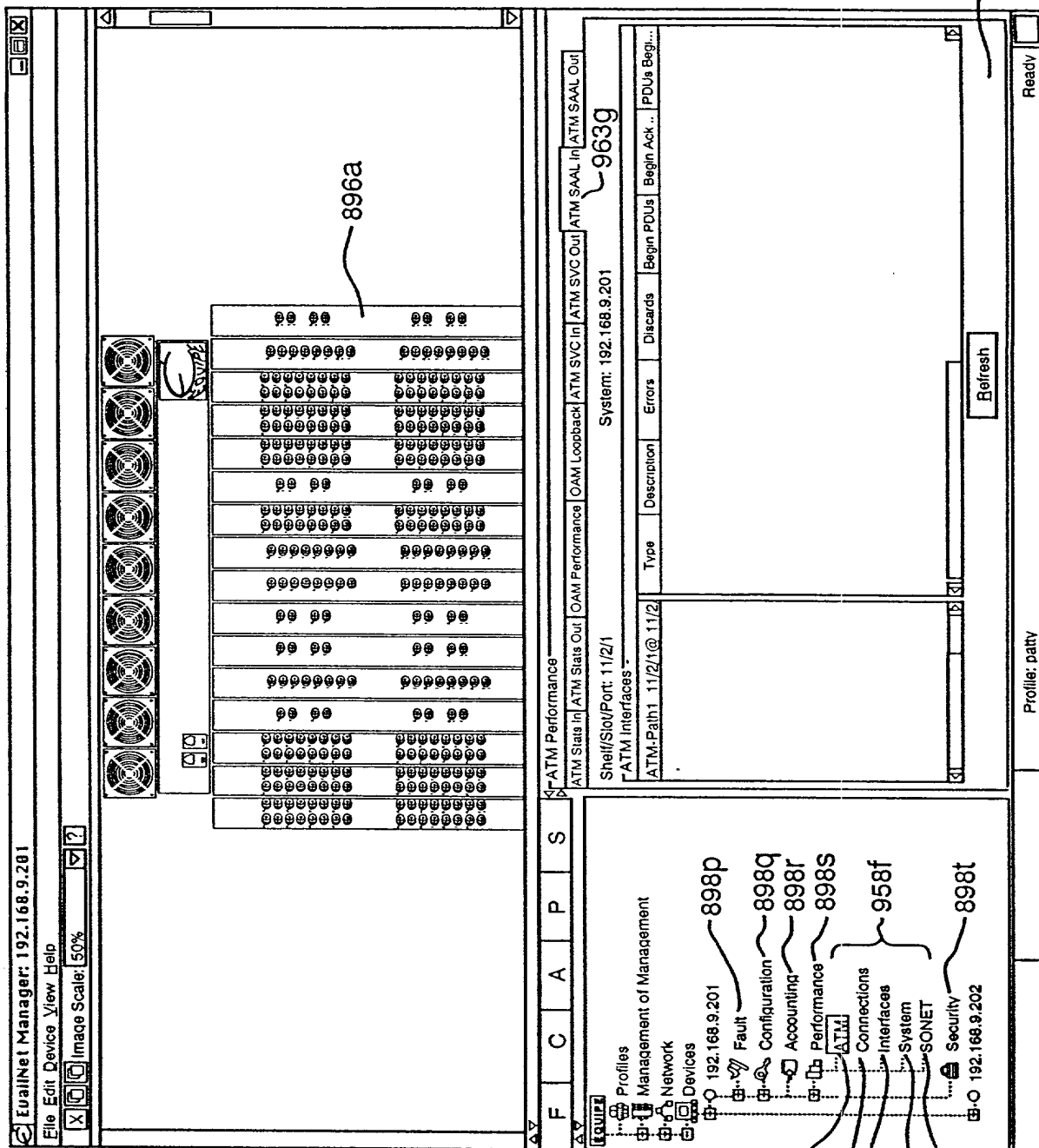


FIG. 7U

10/22/00 9:26:55/60

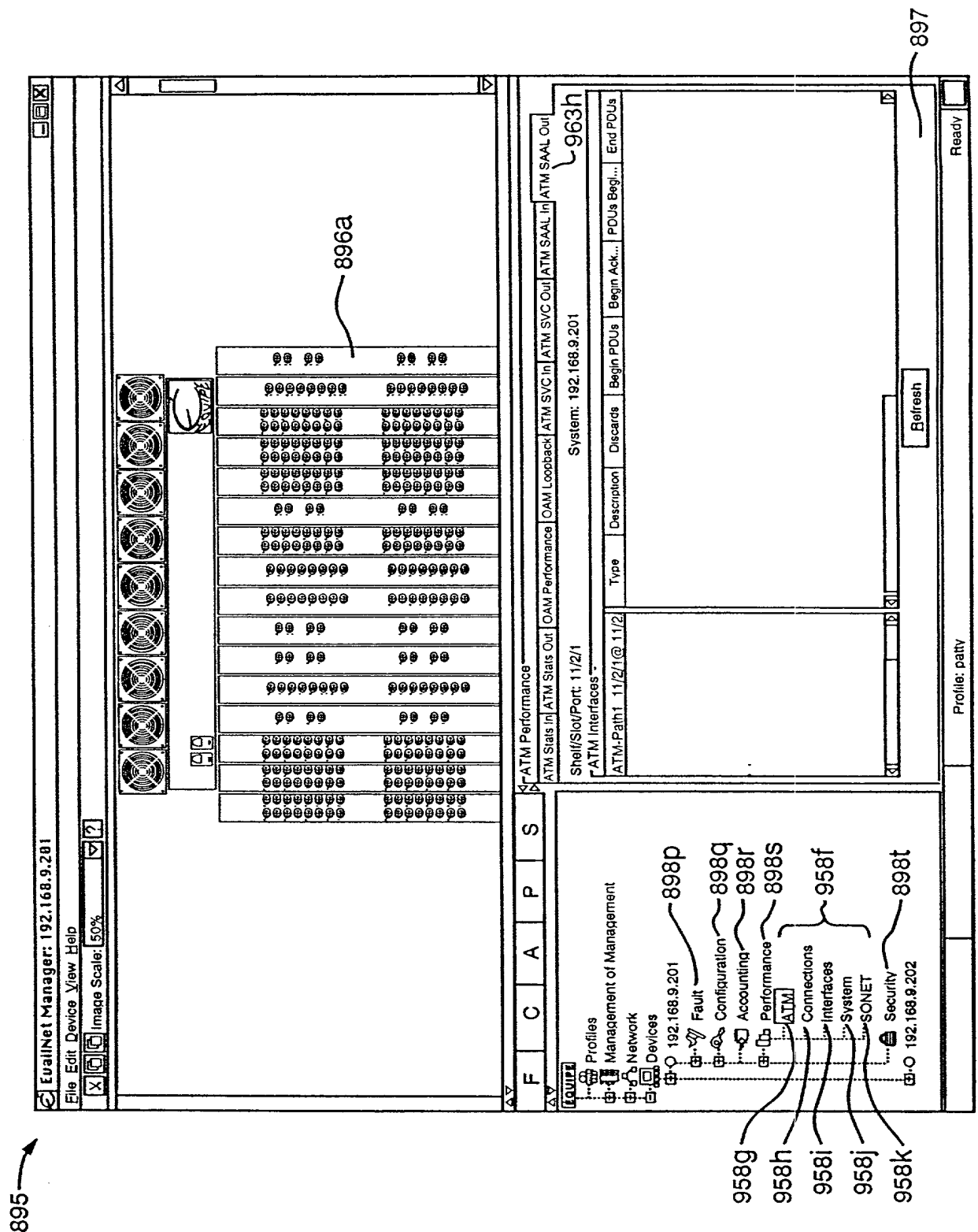


FIG. 7V

10/22/99 9:56:55 AM

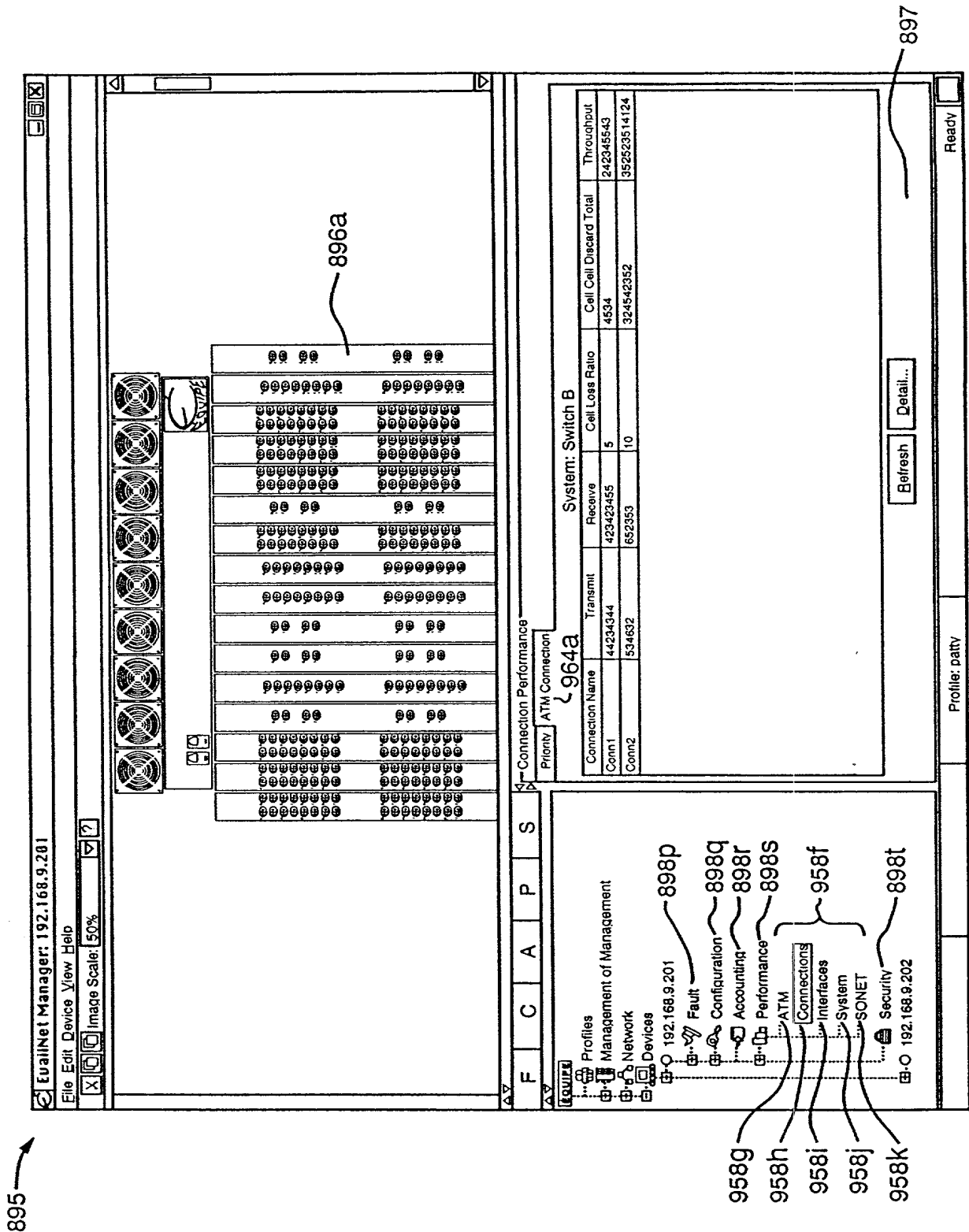


FIG. 7W

10/22/00 02:55:26

895

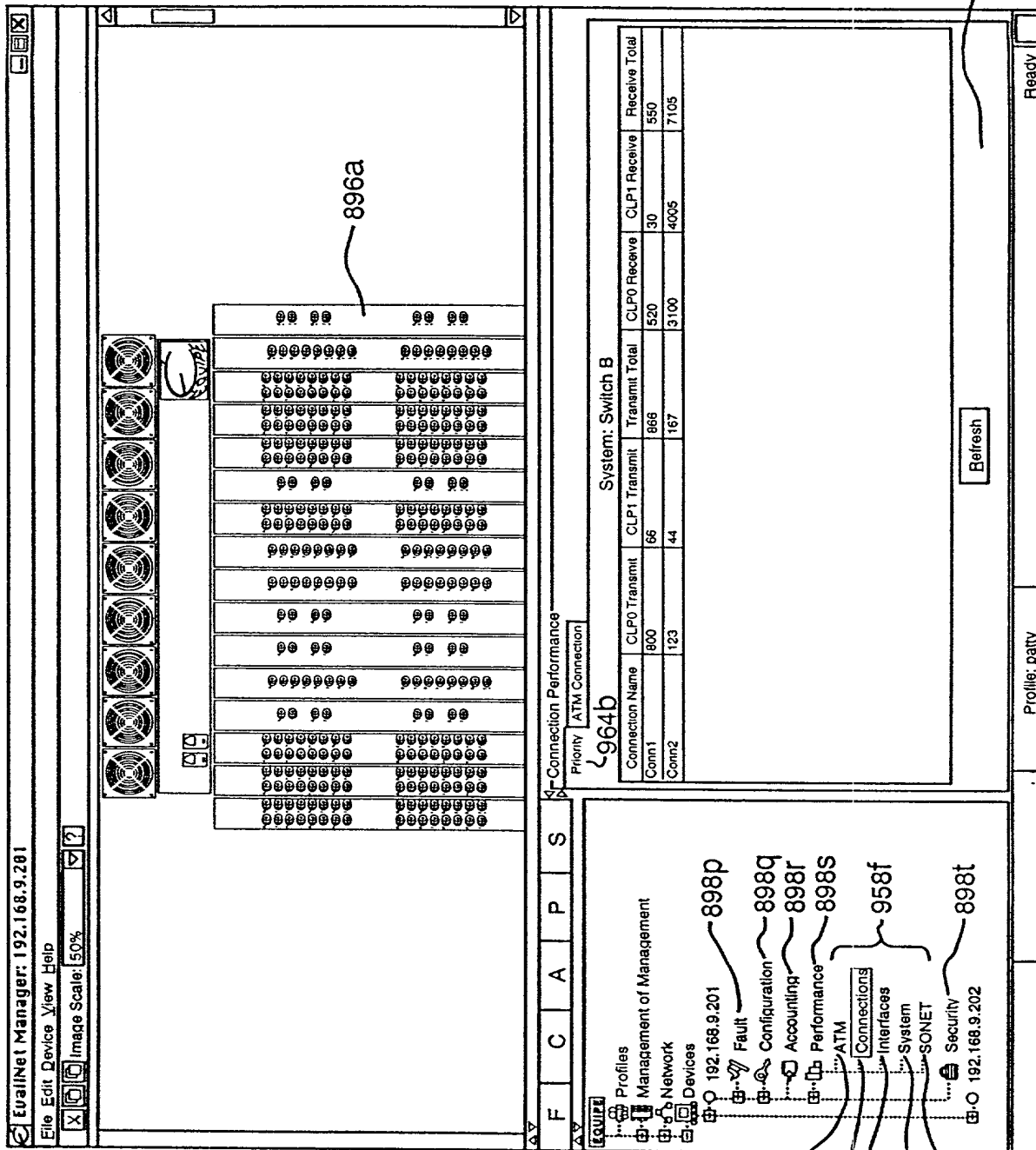


FIG. 7X

102689-67

895

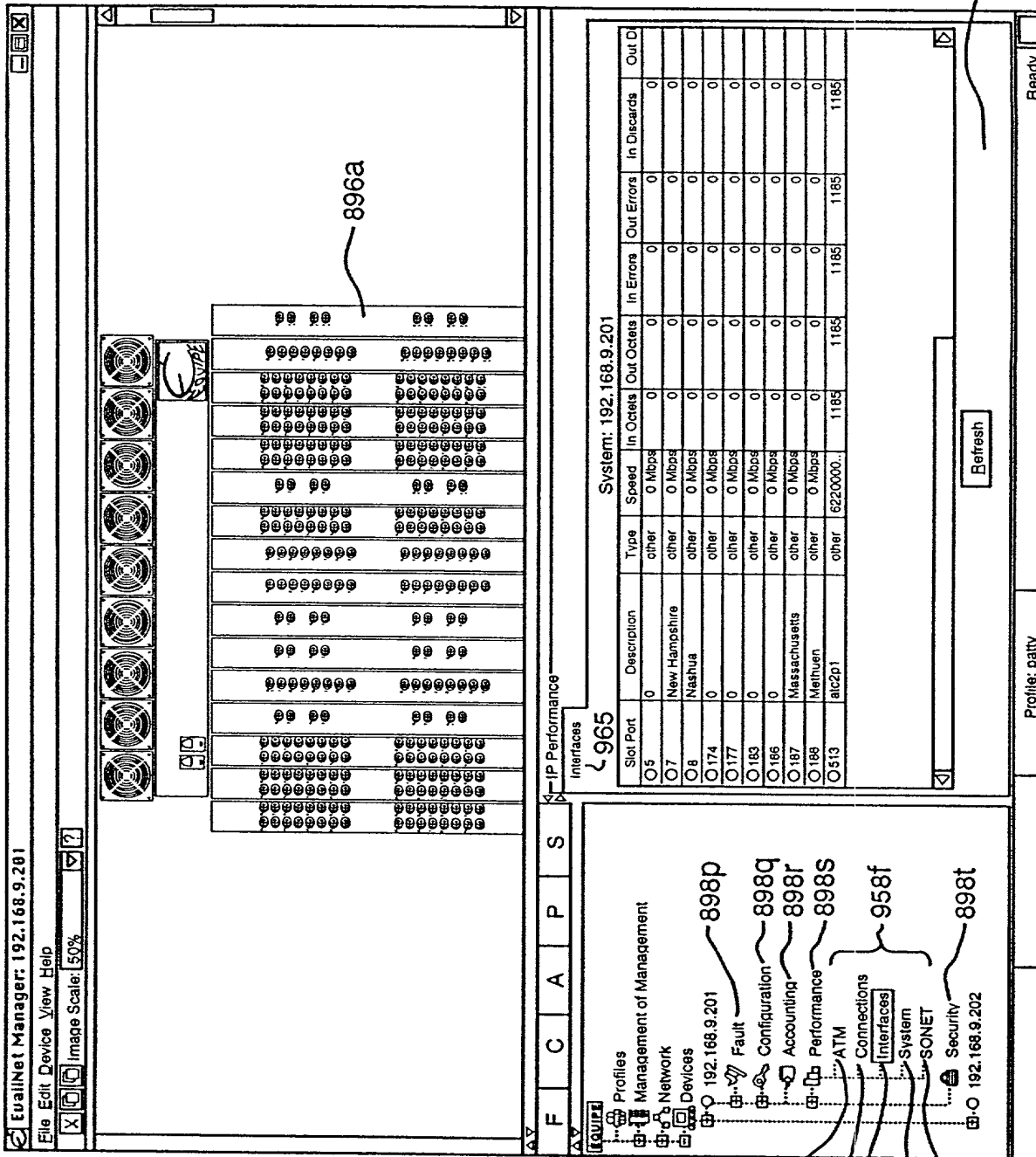
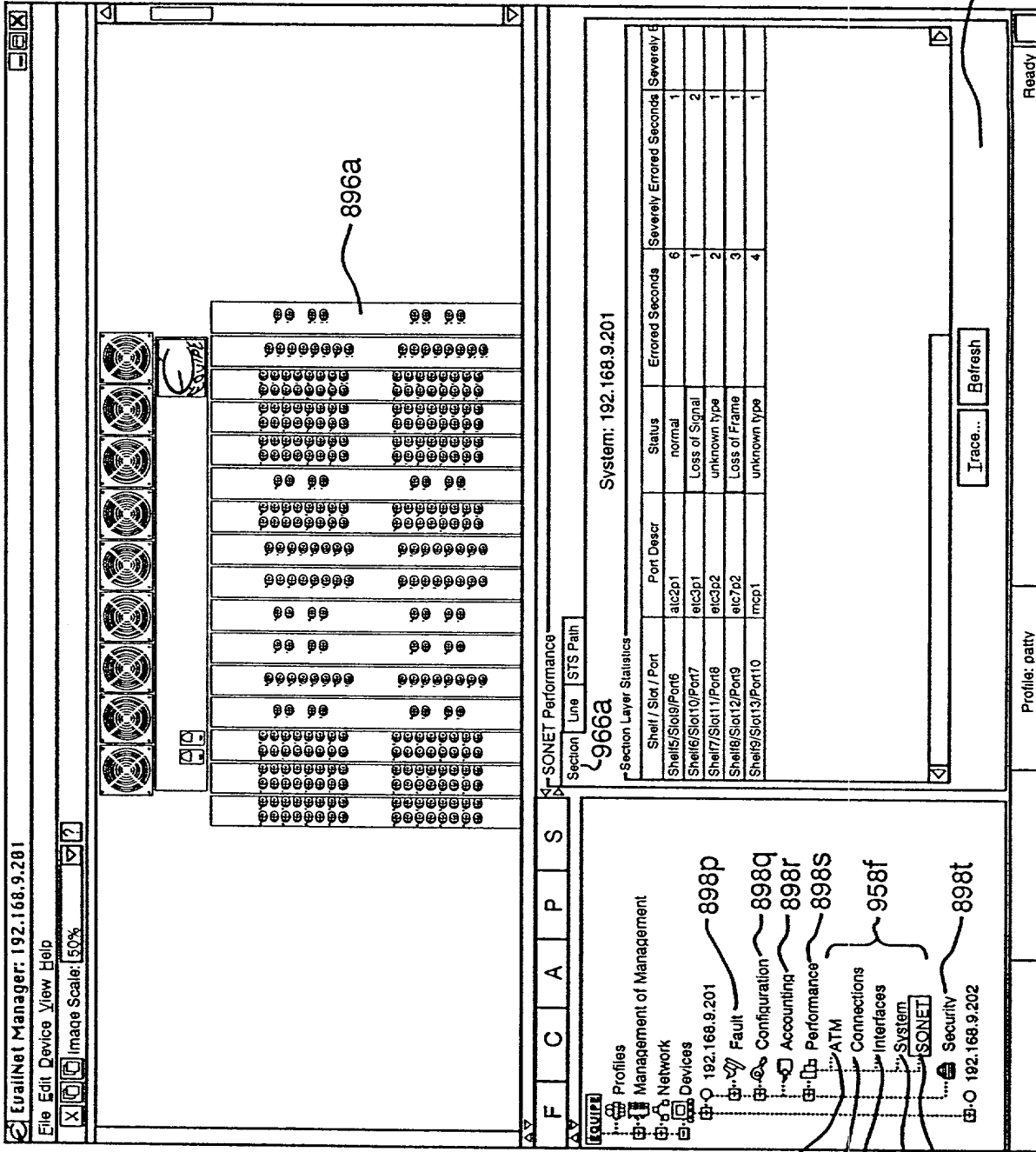


FIG. 7Y

10/22/01 12:59:50

895



896a

System: 192.168.9.201

966a

897

FIG. 8A

FIG. 8B

895

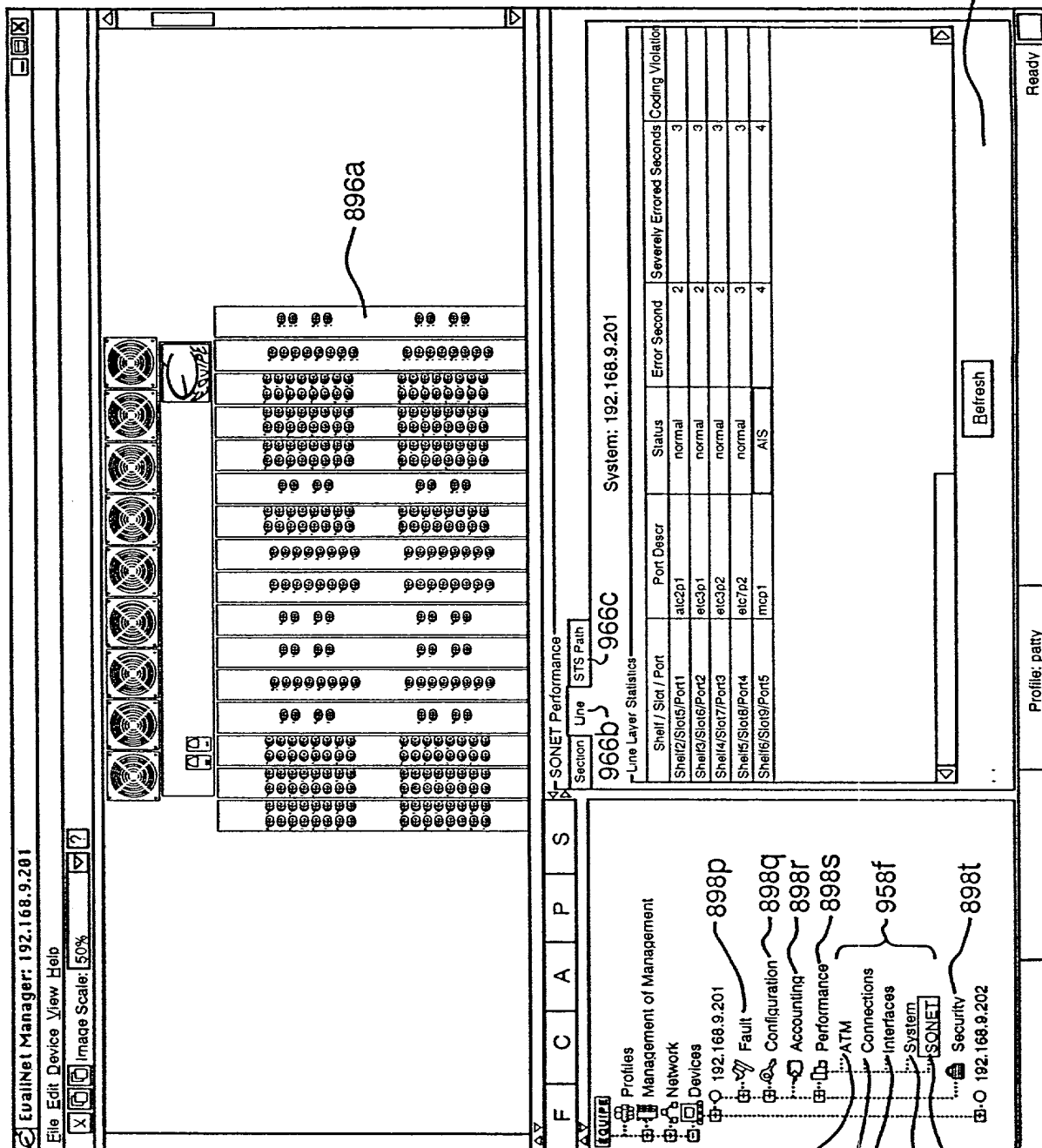


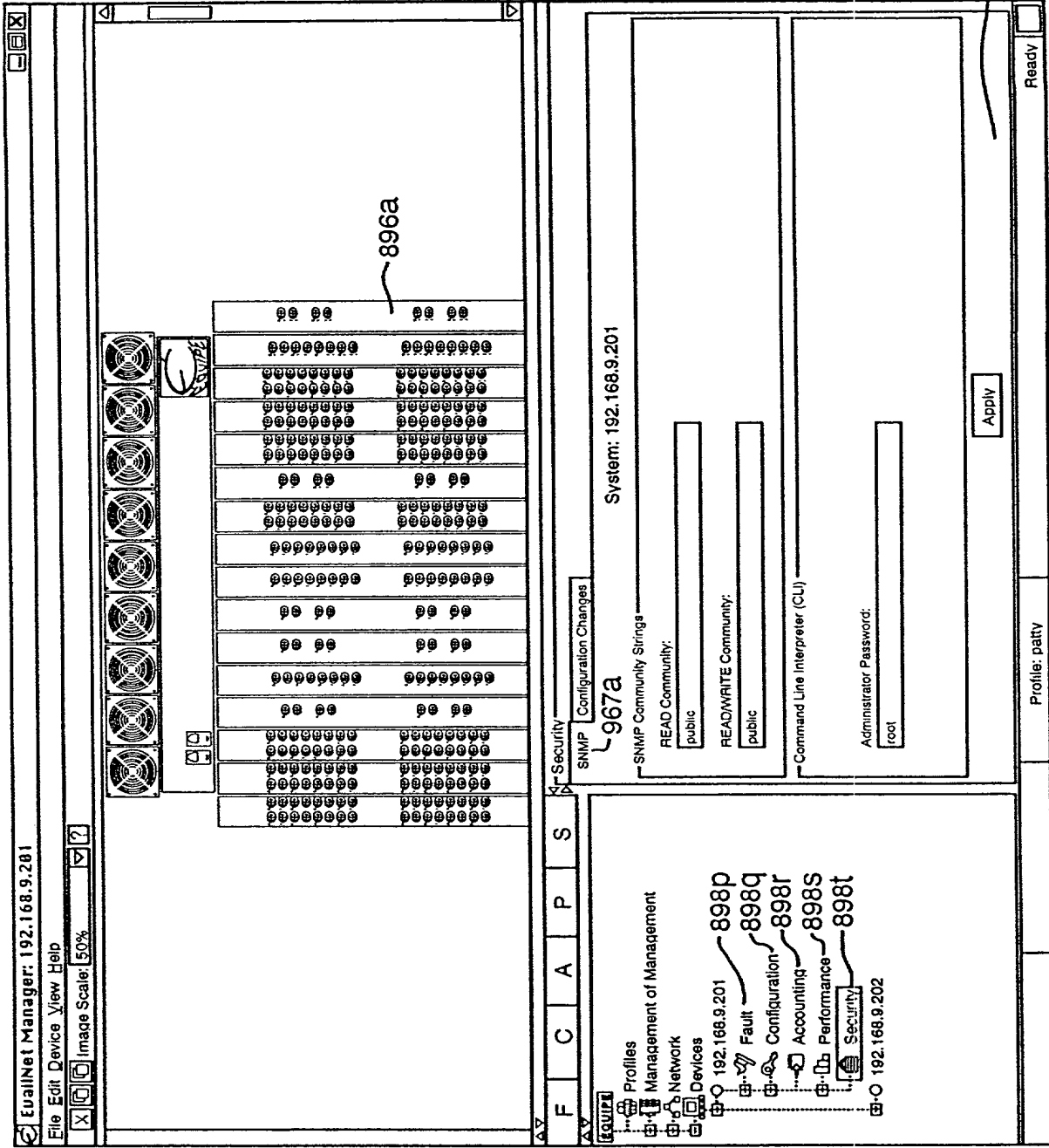
FIG. 8B



FIG. 8C

FO/280" 92693/60

895



897

FIG. 8D

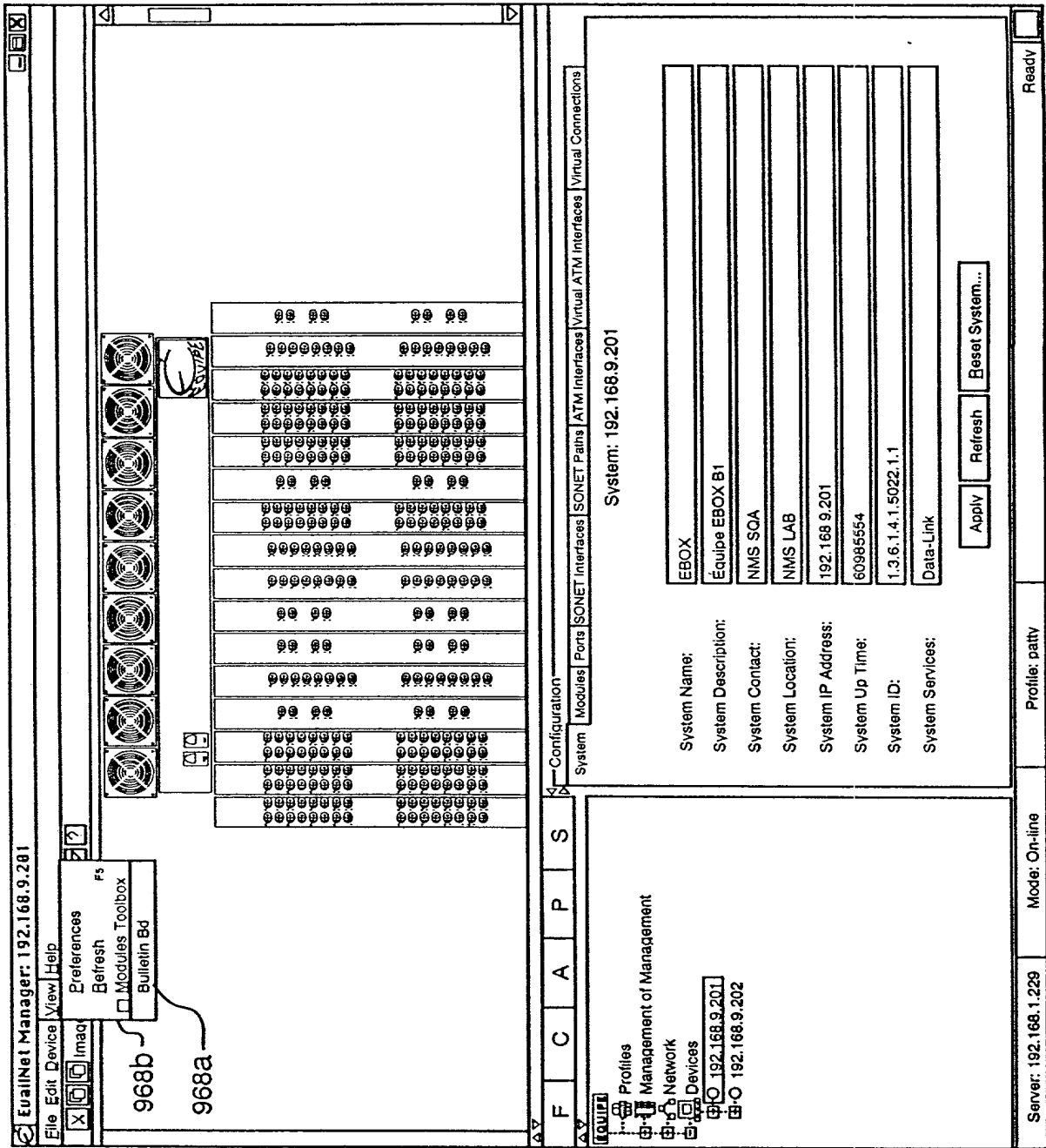


FIG. 9A

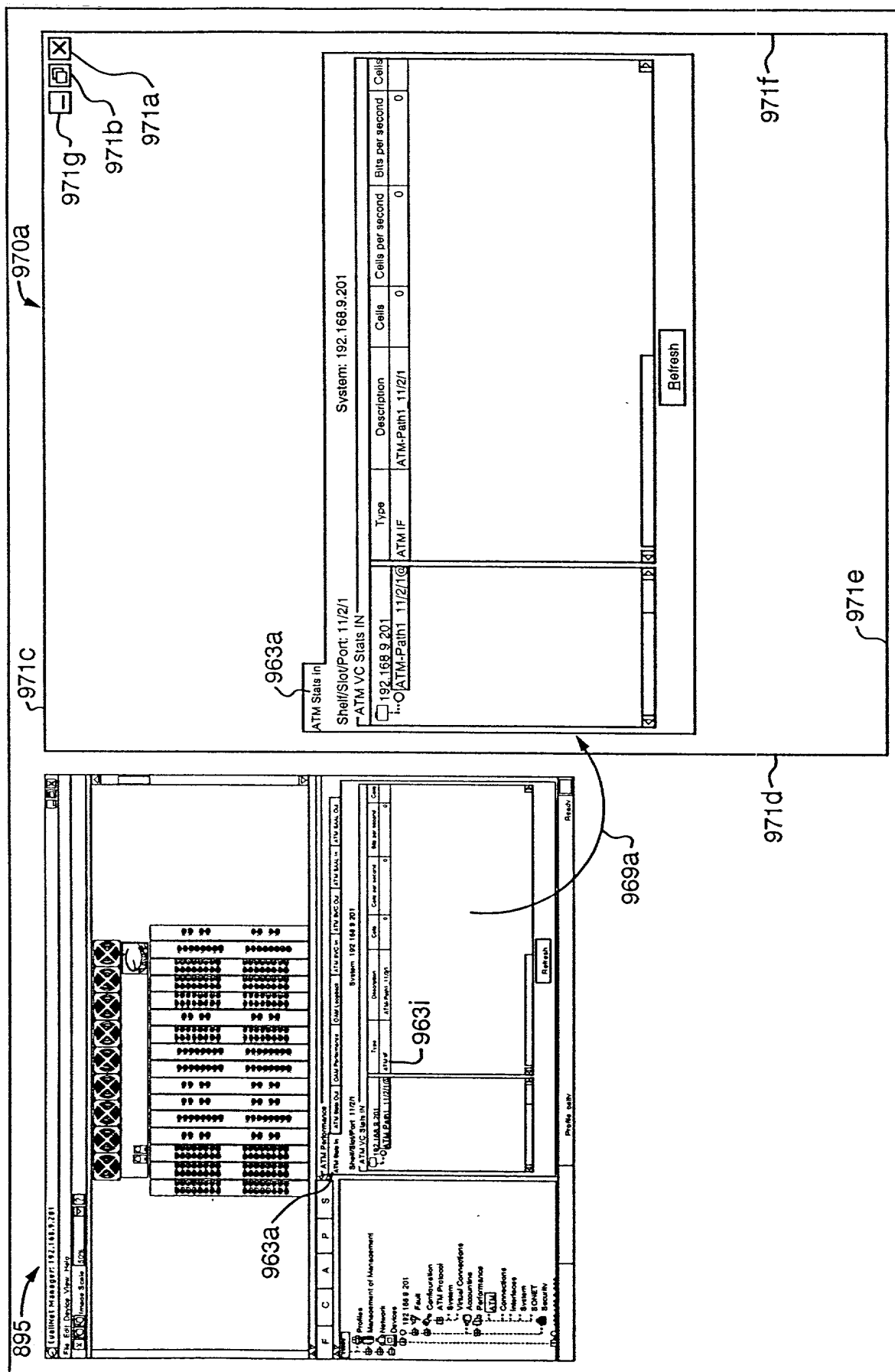


FIG. 9B

T02280 92695260

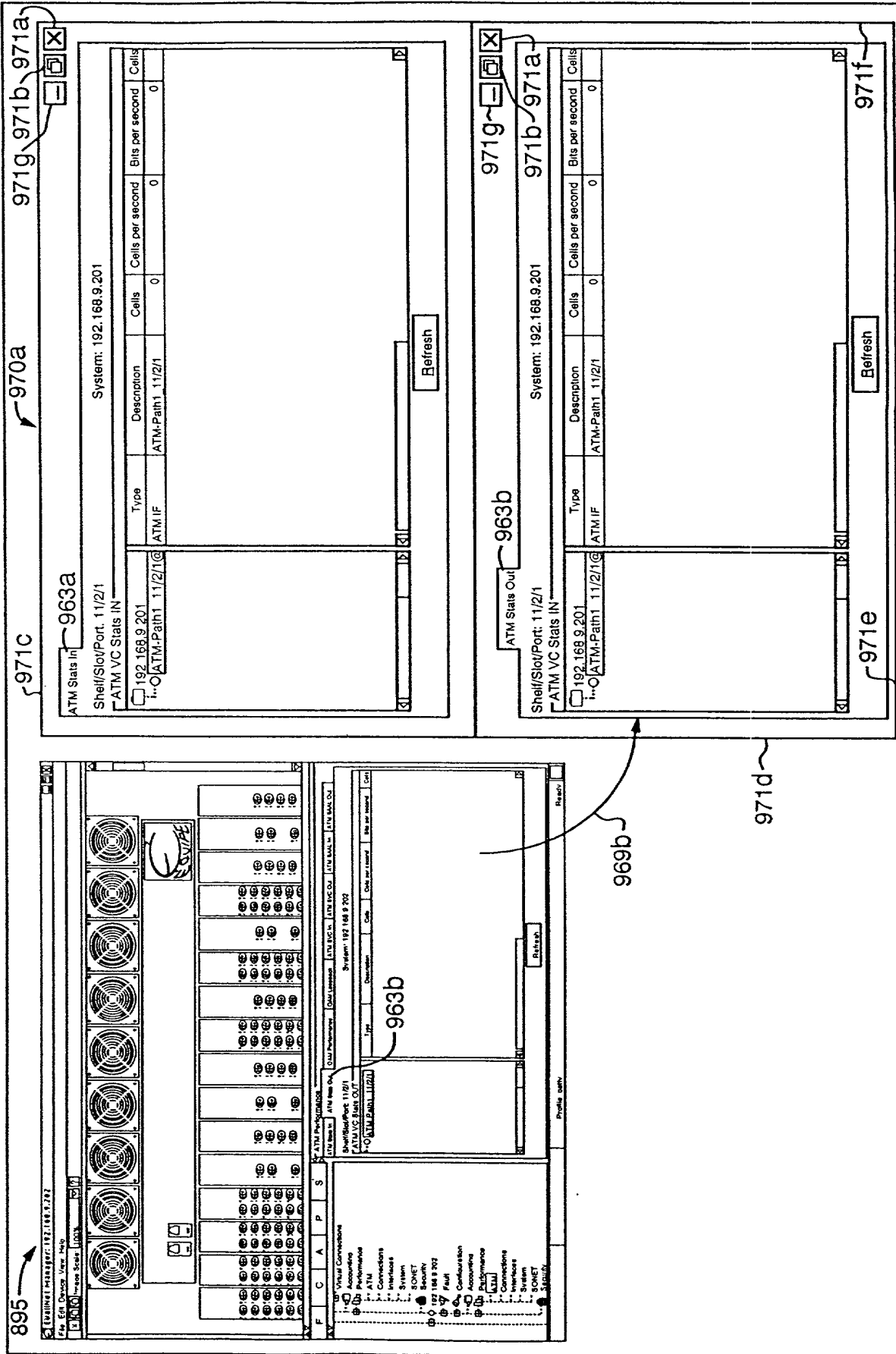


FIG. 9C

10/23/2000 9:26:55 AM

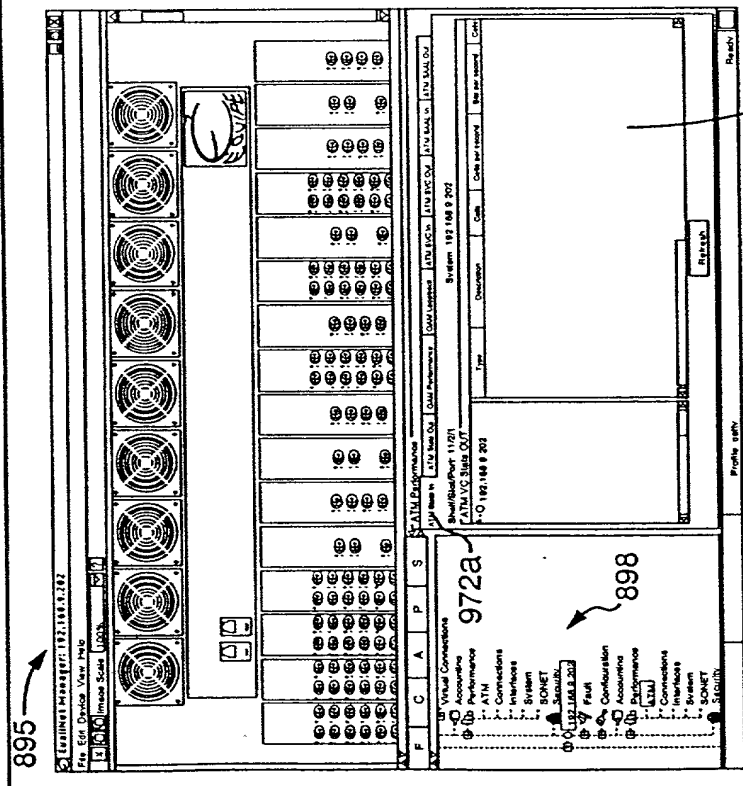
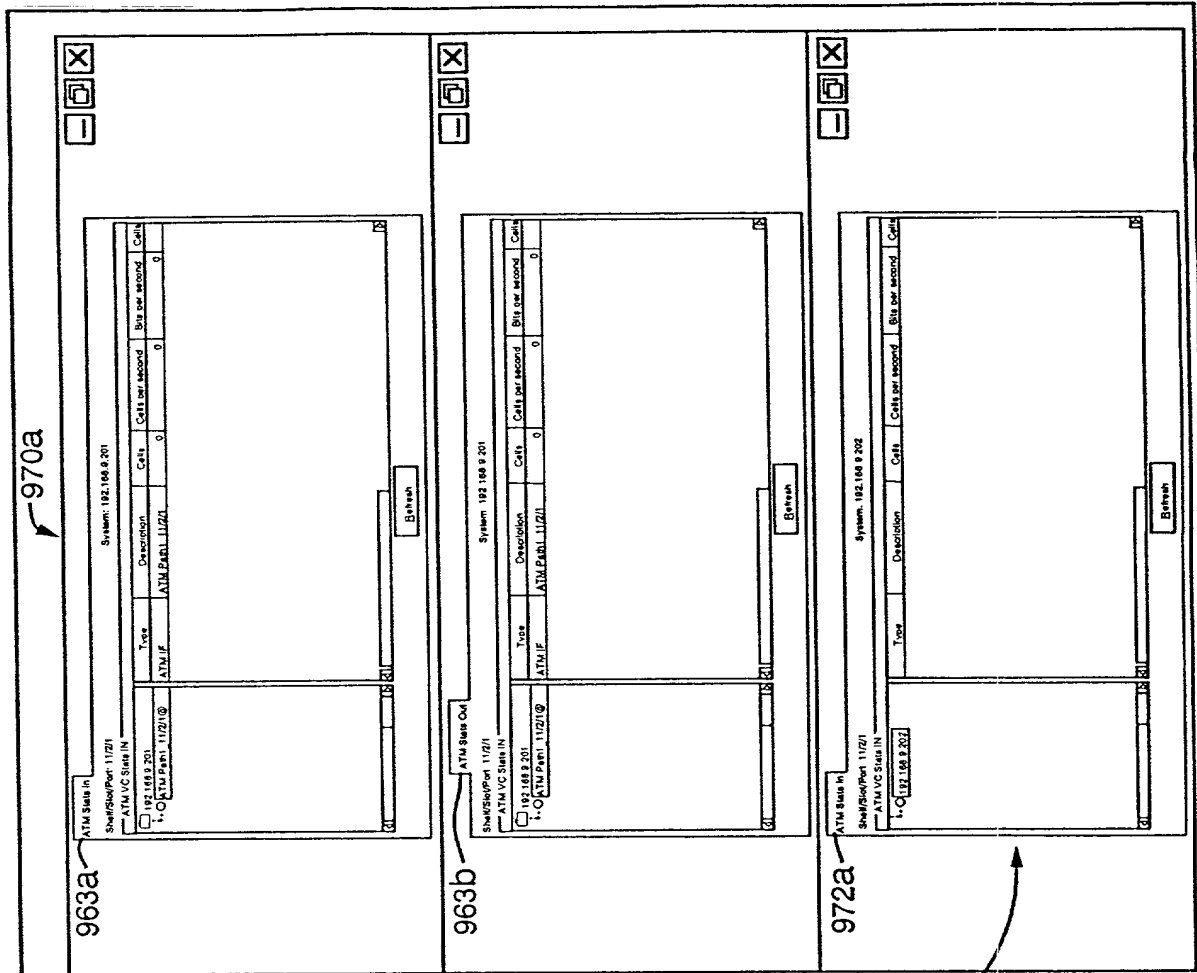


FIG. 9D



10/28/2000 22:59:50

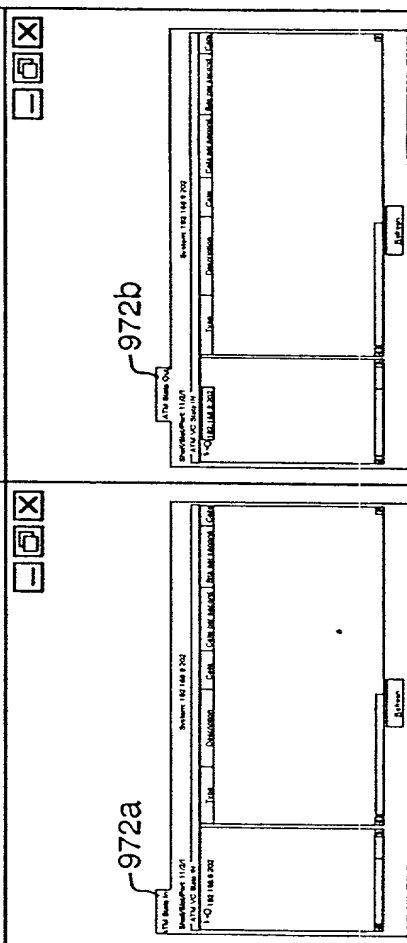
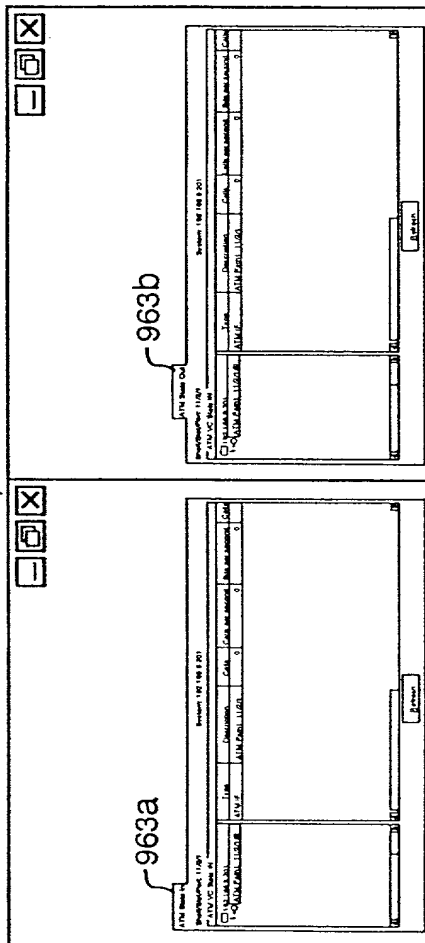
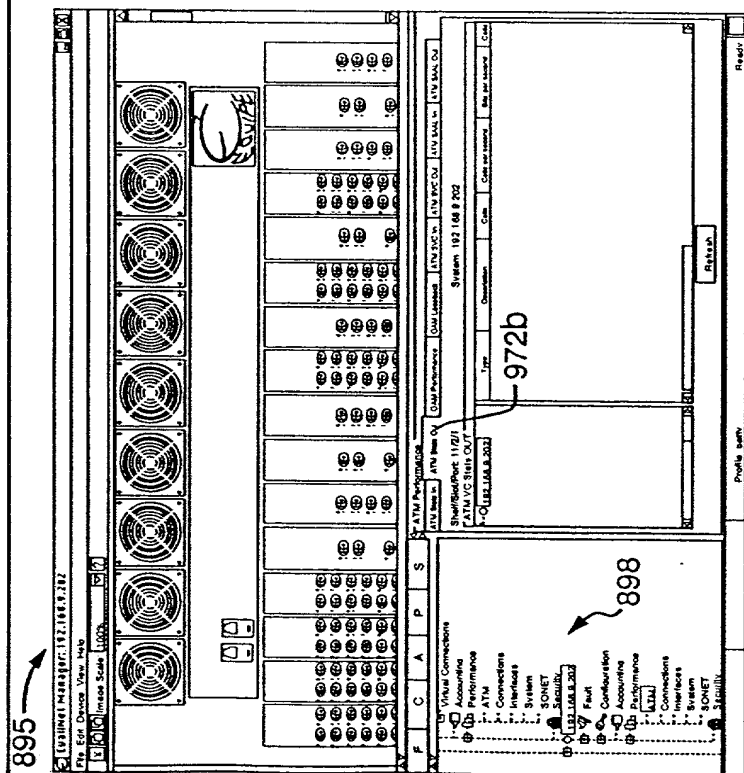


FIG. 9E

10/2/2000 9:53:00

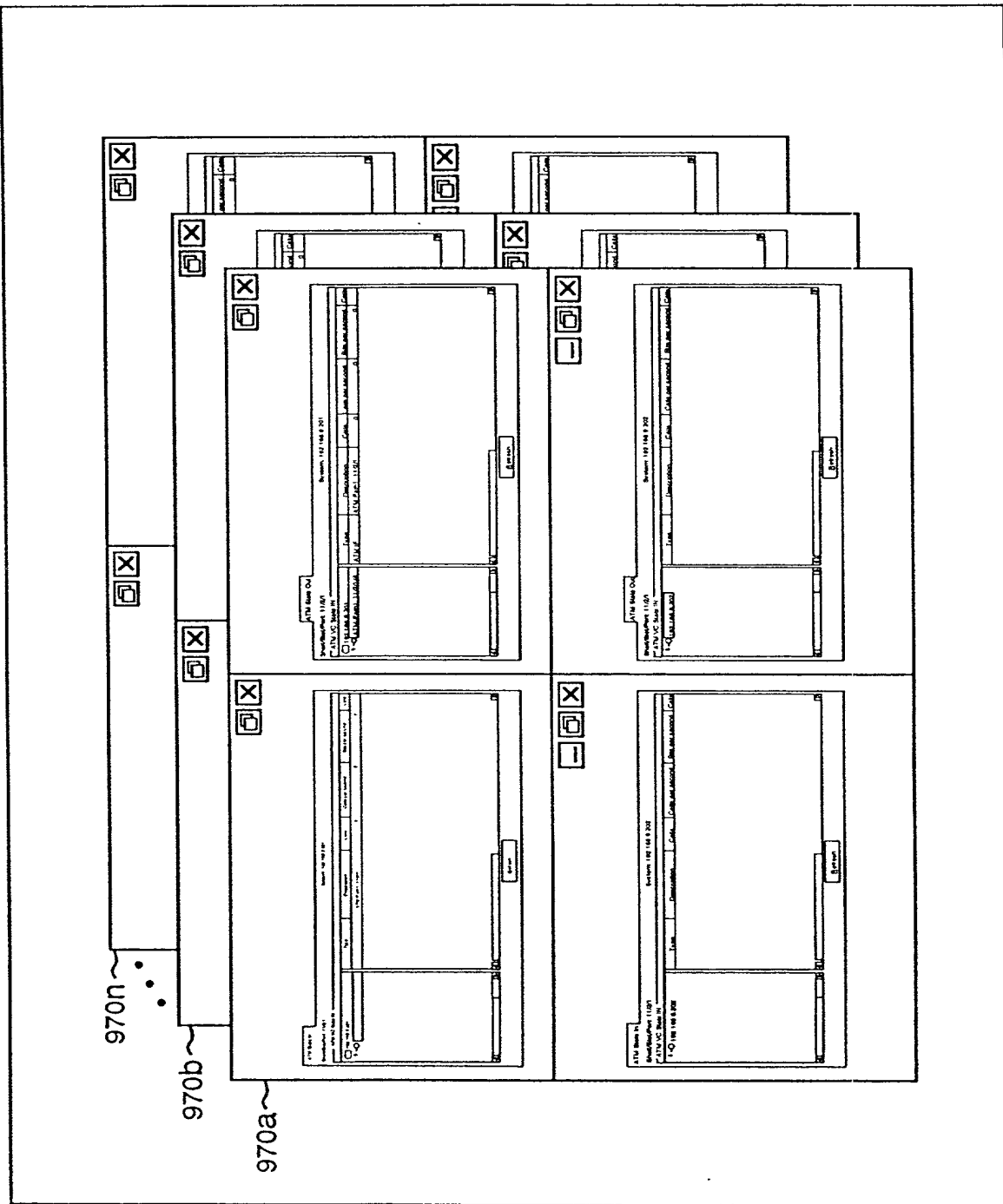


FIG. 9F

FIG. 9G

ATM Stats Out

System: 192.168.9.201

Shelf/Slot/Port 11/2/1

ATM VC Stats OUT

System: 192.168.9.201

ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats In

System: 192.168.9.201

Shelf/Slot/Port 11/2/1

ATM VC Stats IN

System: 192.168.9.201

ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

Normal

List

Graph

Config

FIG. 9G

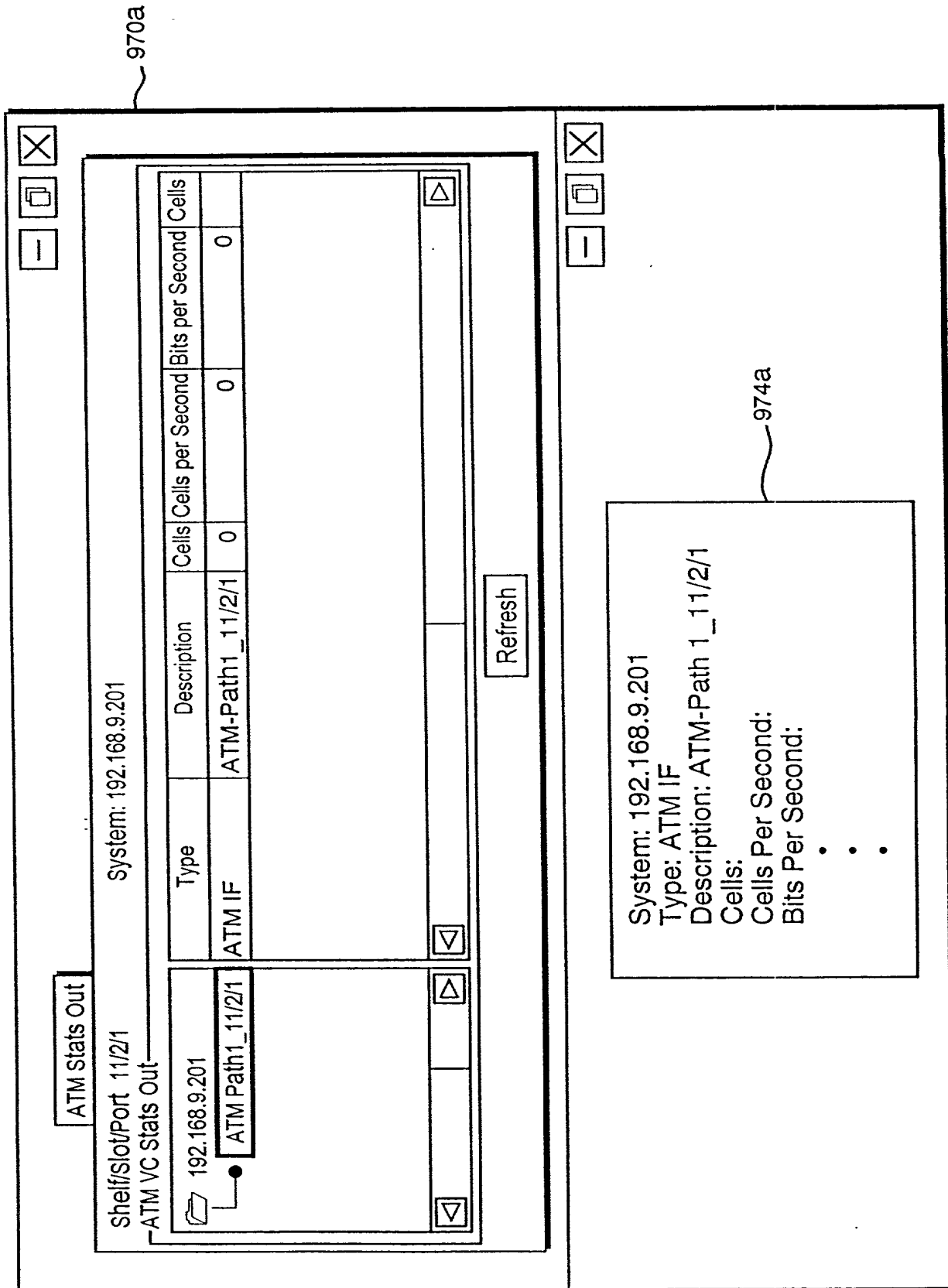


FIG. 9H

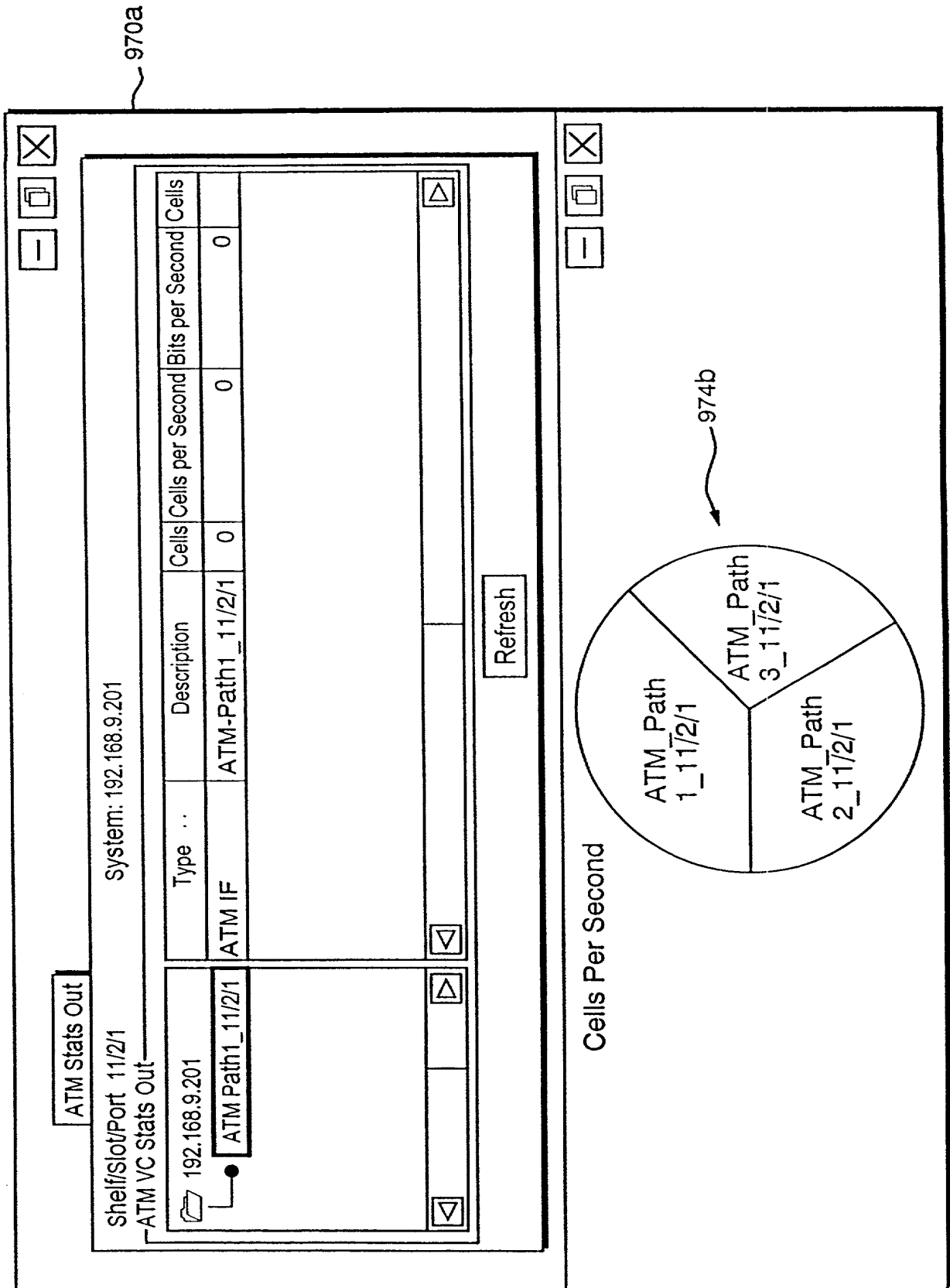


FIG. 9I

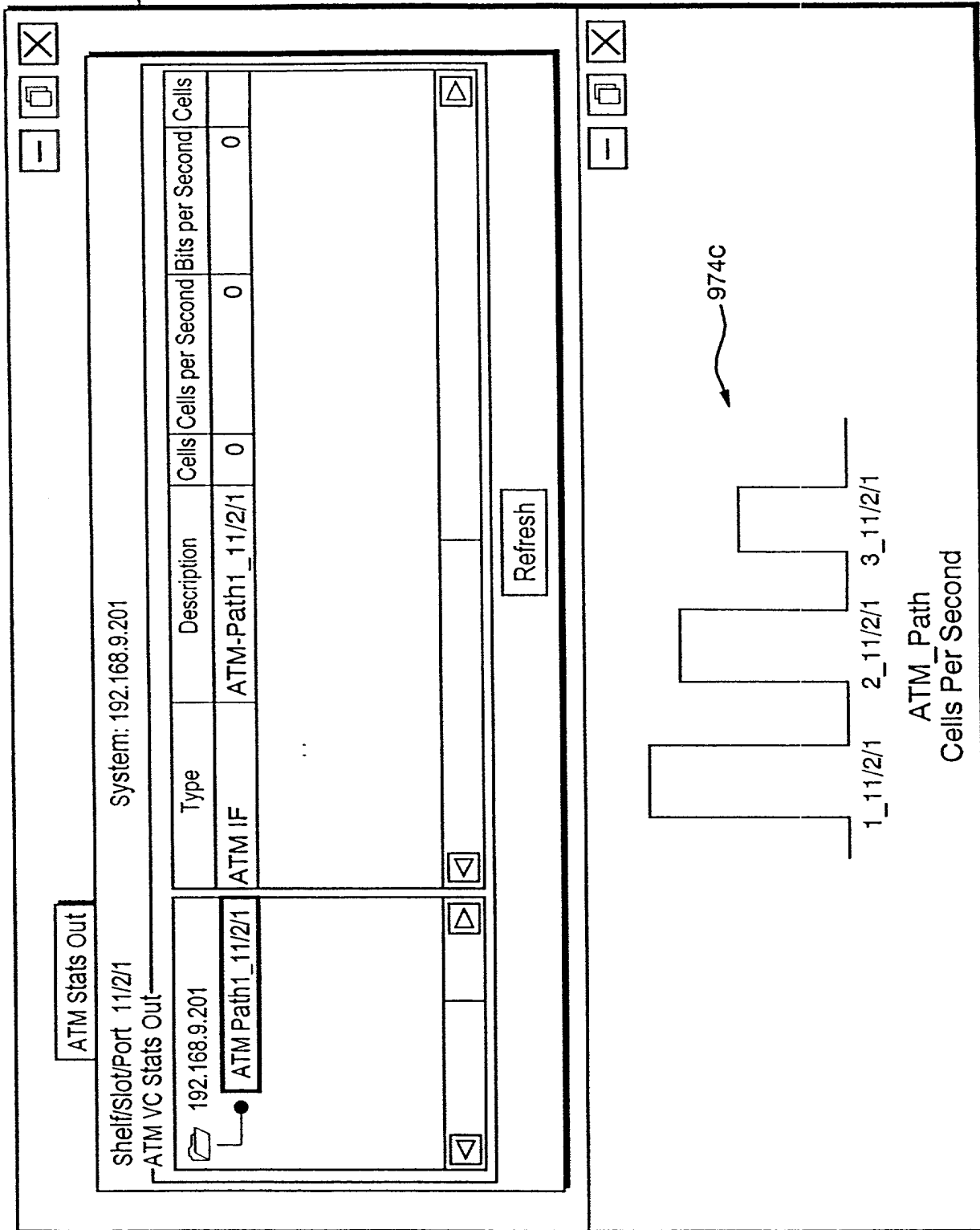


FIG. 9J

ATM Stats Out

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats OUT

System: 192.168.9.201

ATM Path1_11/2/1

ATM IF

ATM-Path_11/2/1

Cells

Cells per Second

Bits per Second

Cells

Refresh

ATM Interface Properties - 192.168.9.202

Shelf/Slot/Port: 11/4/1 Path Name: Path2_11/2/1

ATM Properties

Name

Minimum VPI bits

Maximum VPI bits

Minimum VCI bits

Maximum VCI bits

ATM-Path_11/2/1

1

8

5

16

OK

Cancel

FIG. 9K

FIG. 9L

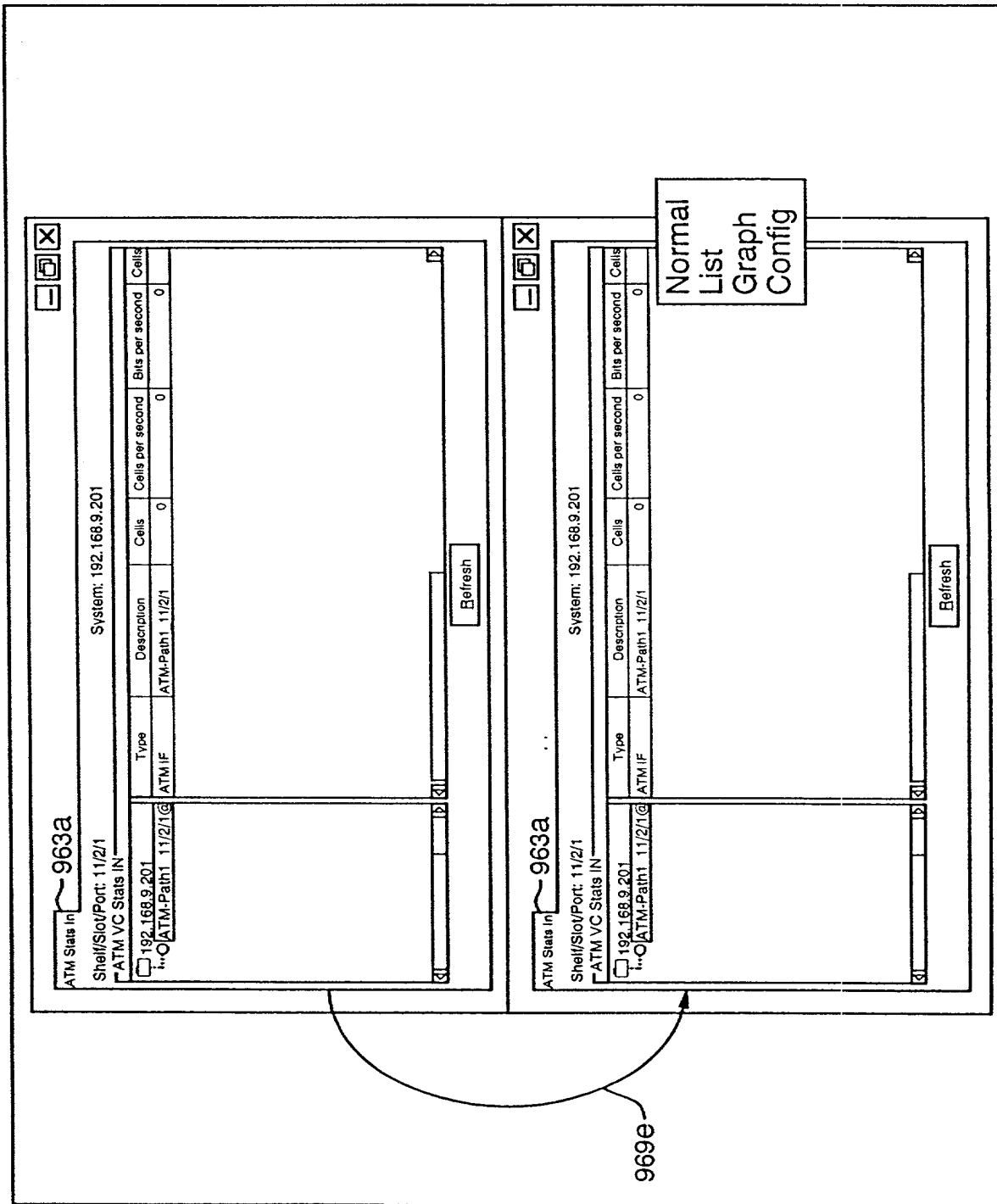


FIG. 9L

102689-67

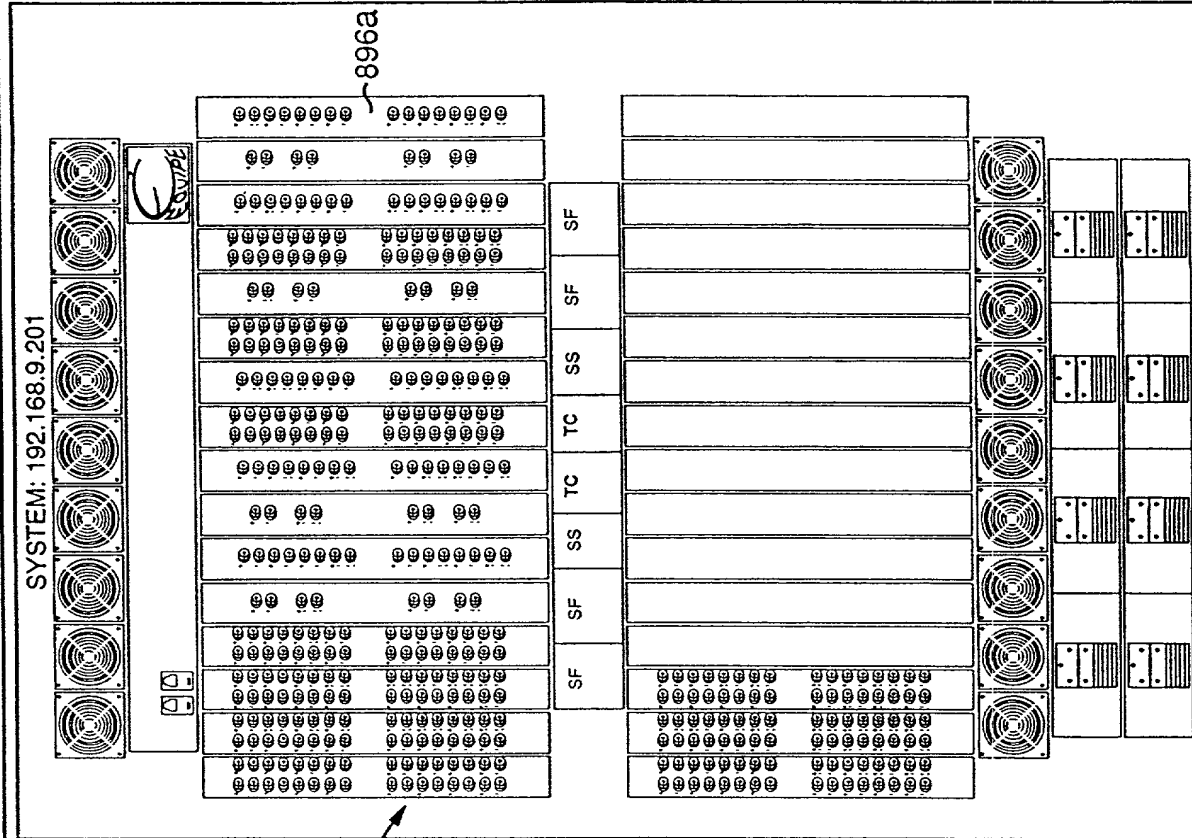
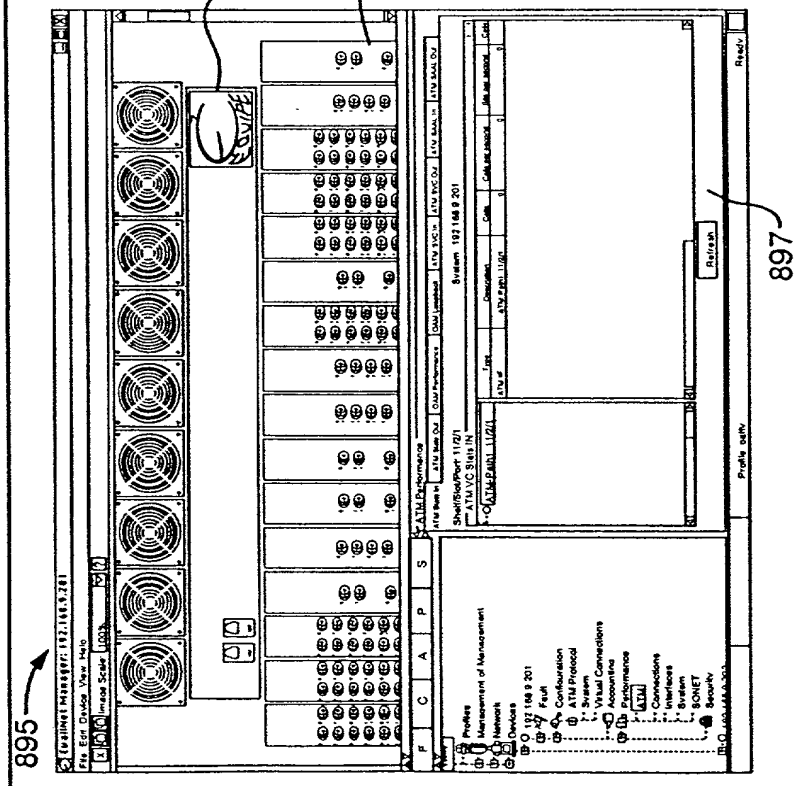


FIG. 9M

102689-67

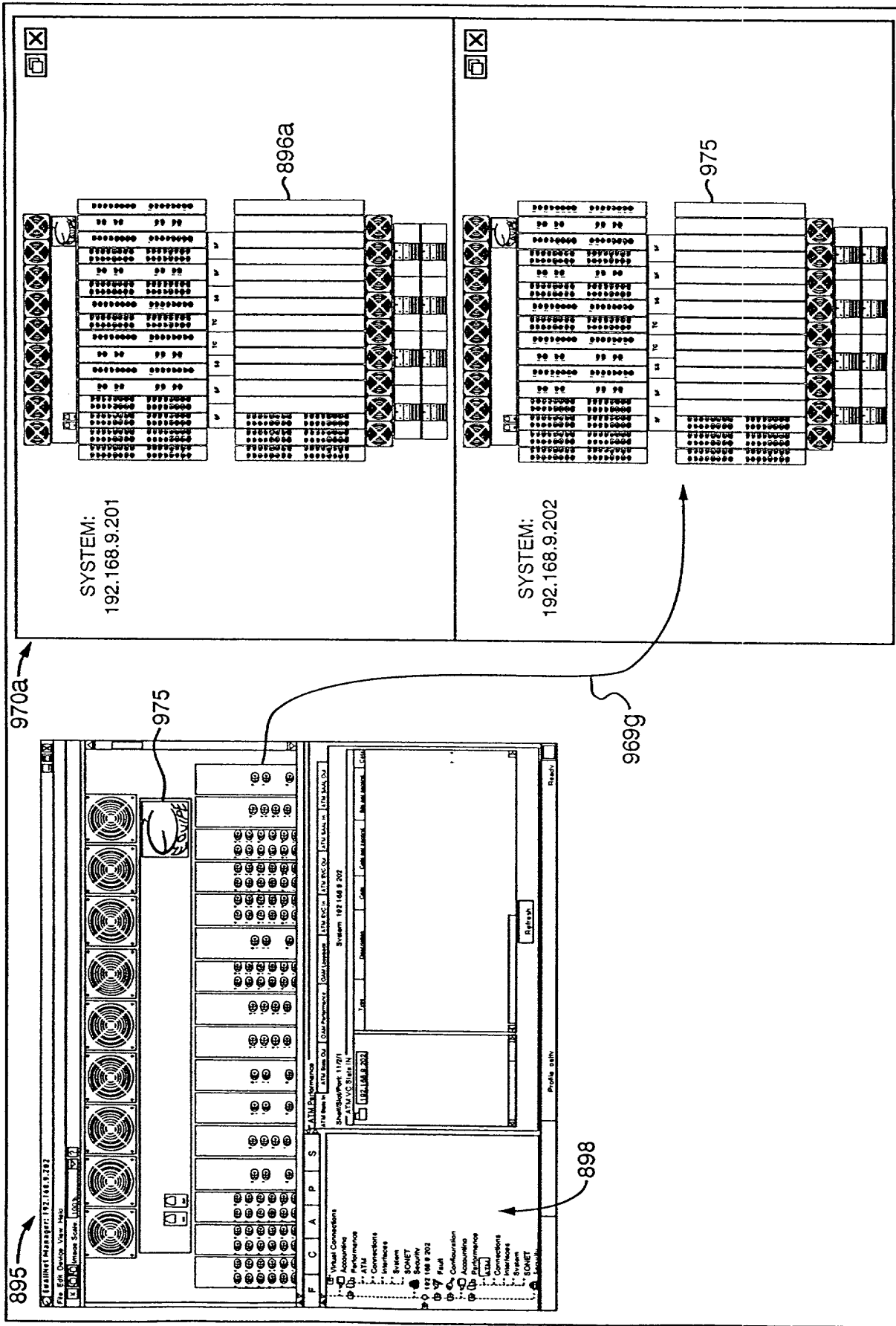


FIG. 9N

FO/280 92695260

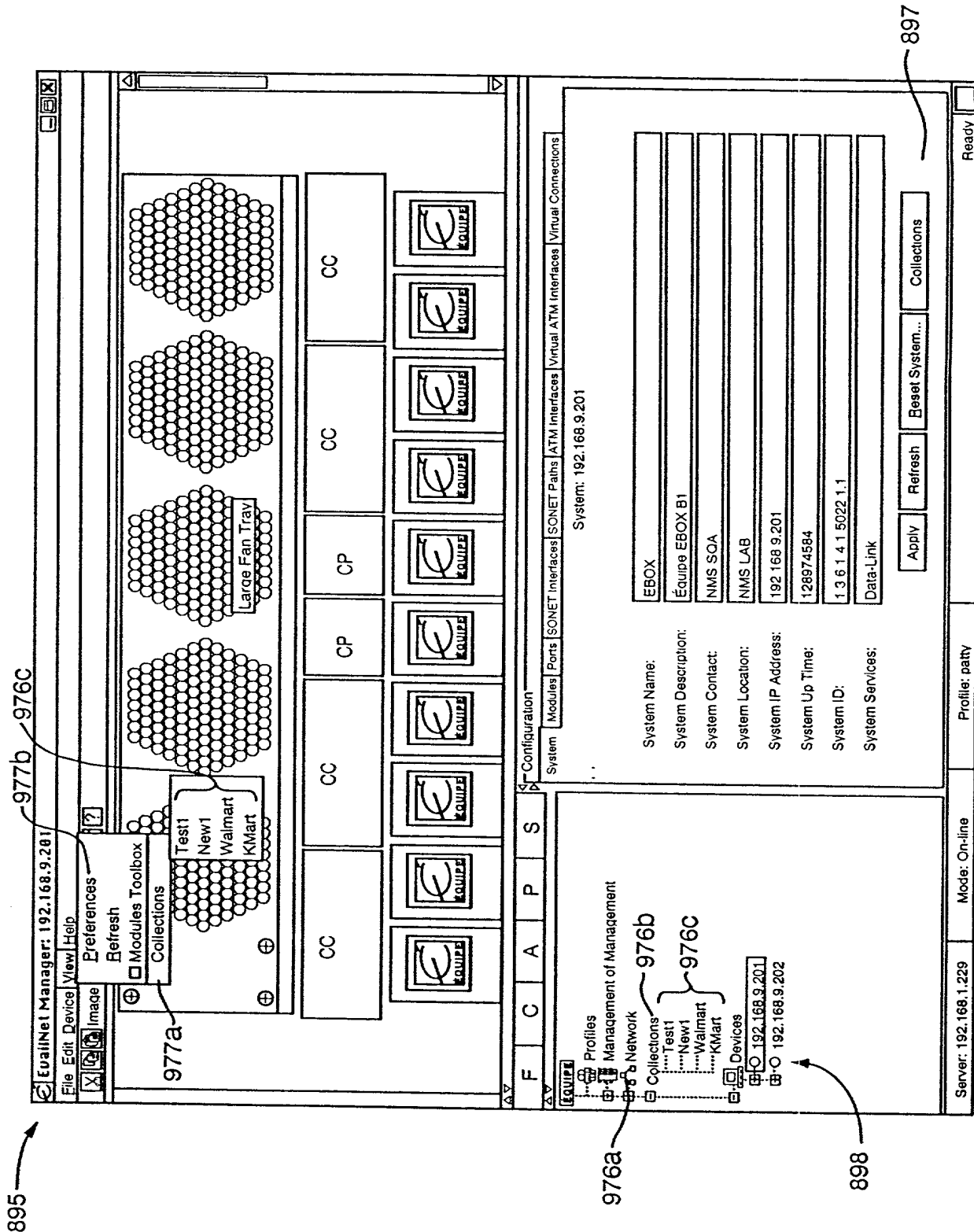
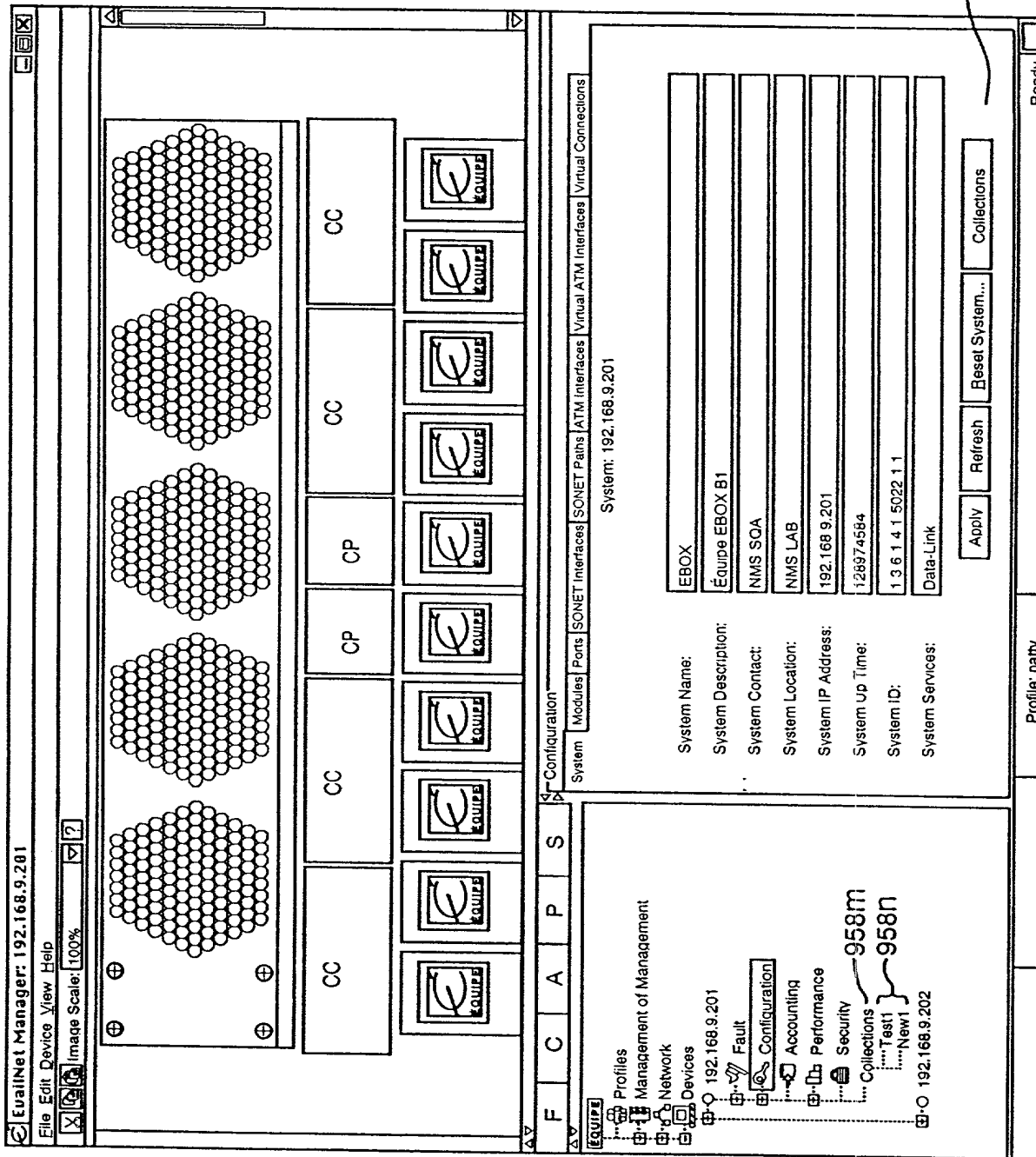


FIG. 10A

102689-67

895

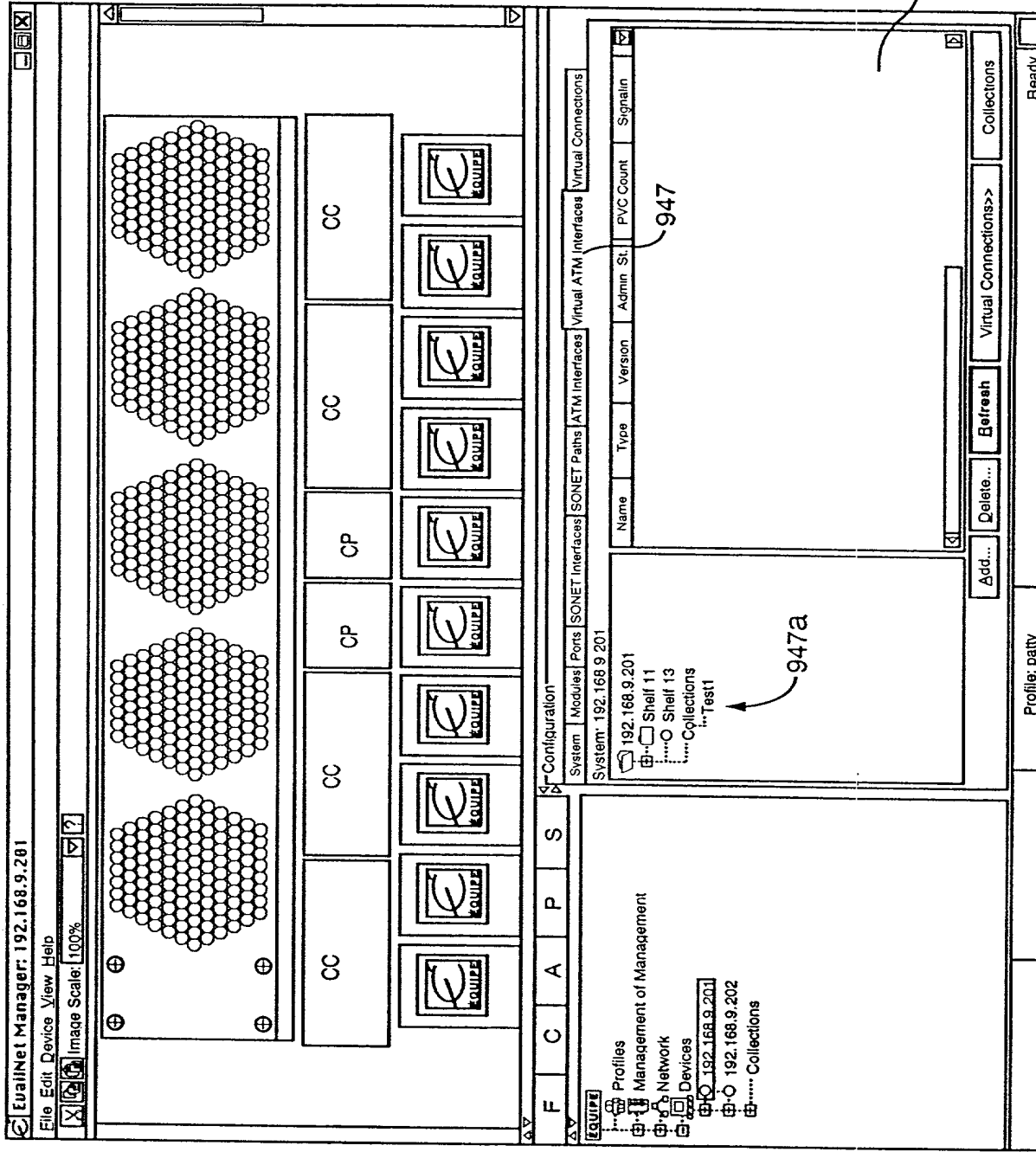


897

FIG. 10B

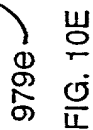
102689-67

895



897

FIG. 10C



102689-67

895

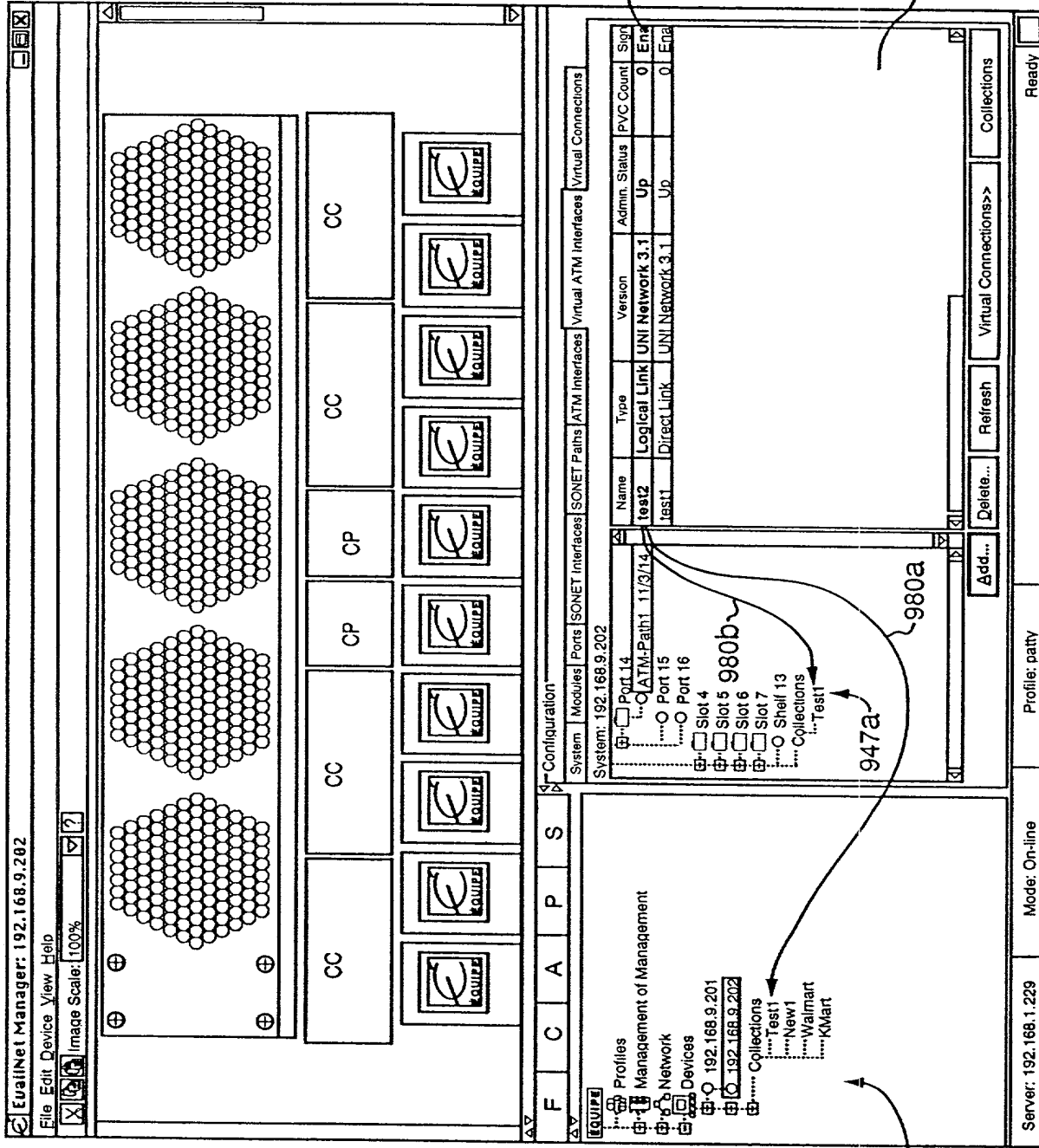


FIG. 10G

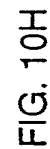
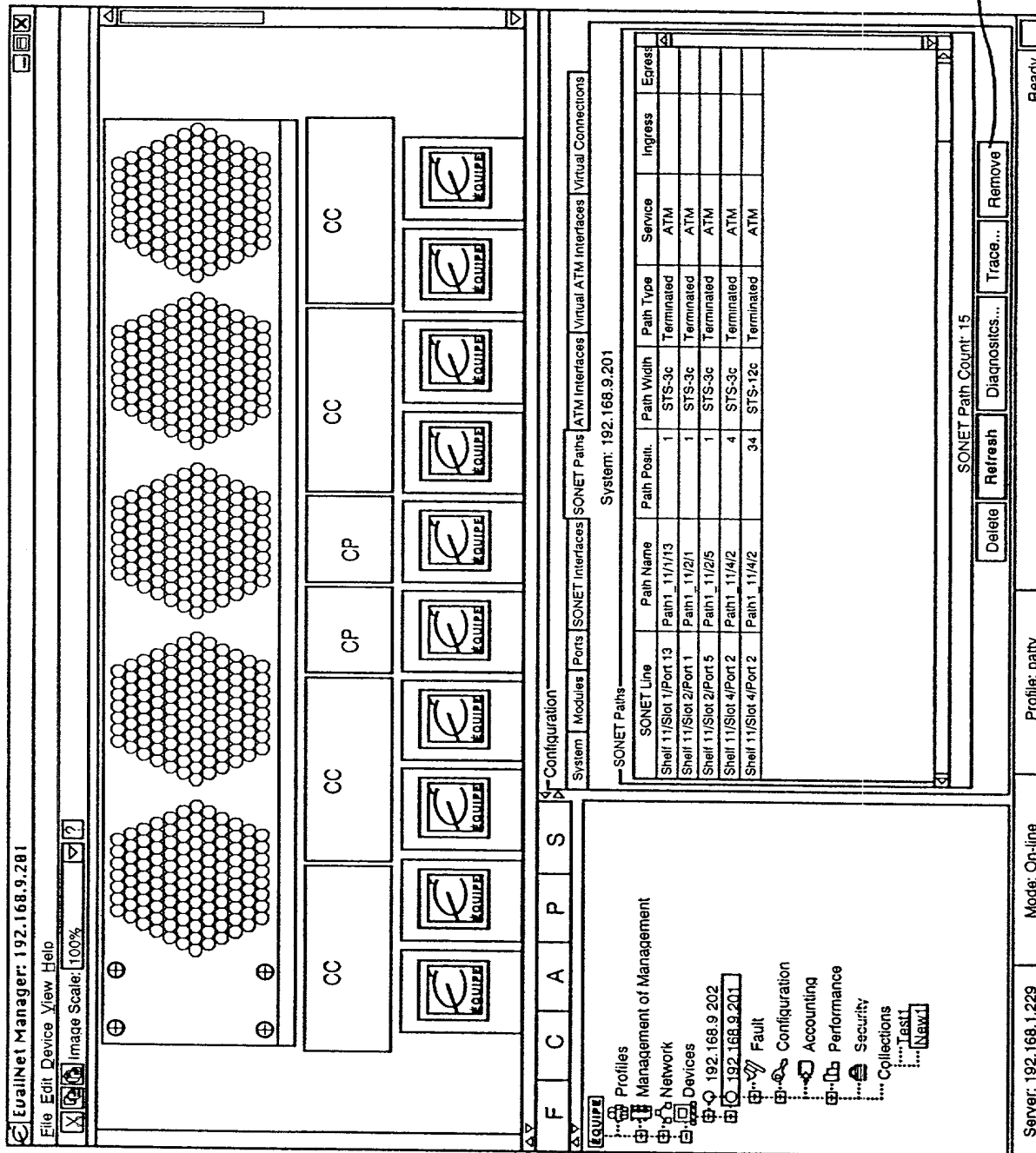


FIG. 10H

102200 92695260



982

FIG. 101

903

Profiles

Profile Manager

System: 192.132.60.150

Name	Description	Security Level	Timeout	Primary Server	Secondary Server
Joe	Joe Whitehouse	Admin	15	192.168.1.32	192.168.1.32
Wayne	Wayne Arena	Provisioner	15	TeamServer1:192...	TeamServer2:192.168.1.32

Add

Delete...

Refresh

Copy

904

905

906

FIG. 11A

FIG. 11B

907

General

908a

Kevin

908e

Kevin Snow user account

908f

Equipe

908d

☒

908b

908c

Policies

908h

☒ User Cannot Change Password

908i

☐ Account Disabled

908j

☒ User Can Add Devices

908k

User Session Timeout: Minutes

FIG. 11B

TO
FIG. 11C

FIG. 11B

FROM
FIG. 11B

Servers

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.221

6503

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
192.168.9.205	public	equipe	3	3
192.168.9.216	public	equipe	3	3

Add

Delete

OK

Cancel

FIG. 11C

General

Policies

Servers

Devices

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.205

6503

908t

OK

Cancel

FIG. 11D

10/22/00 9:55:55 AM

General

Policies

Servers

Devices

Device	READ	READWRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	3	162
192.168.9.205	public	equipe	3	3	162
192.168.9.216	public	equipe	3	3	5012

Add

Delete

908t

OK

Cancel

FIG. 11E

TO220" 92695450

-

□

×

General

Policies

Servers

Devices

Username:

Description:

Customer Name:

Group Level Access:

Password:

Confirm Password:

Kevin

Kevin Snow user account

Equipe

▼

908t ~

OK

Cancel

FIG. 11F

FOI/280" 2025/250

General

Policies

Servers

Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout:

Minutes

908t ~

OK

Cancel

FIG. 11G

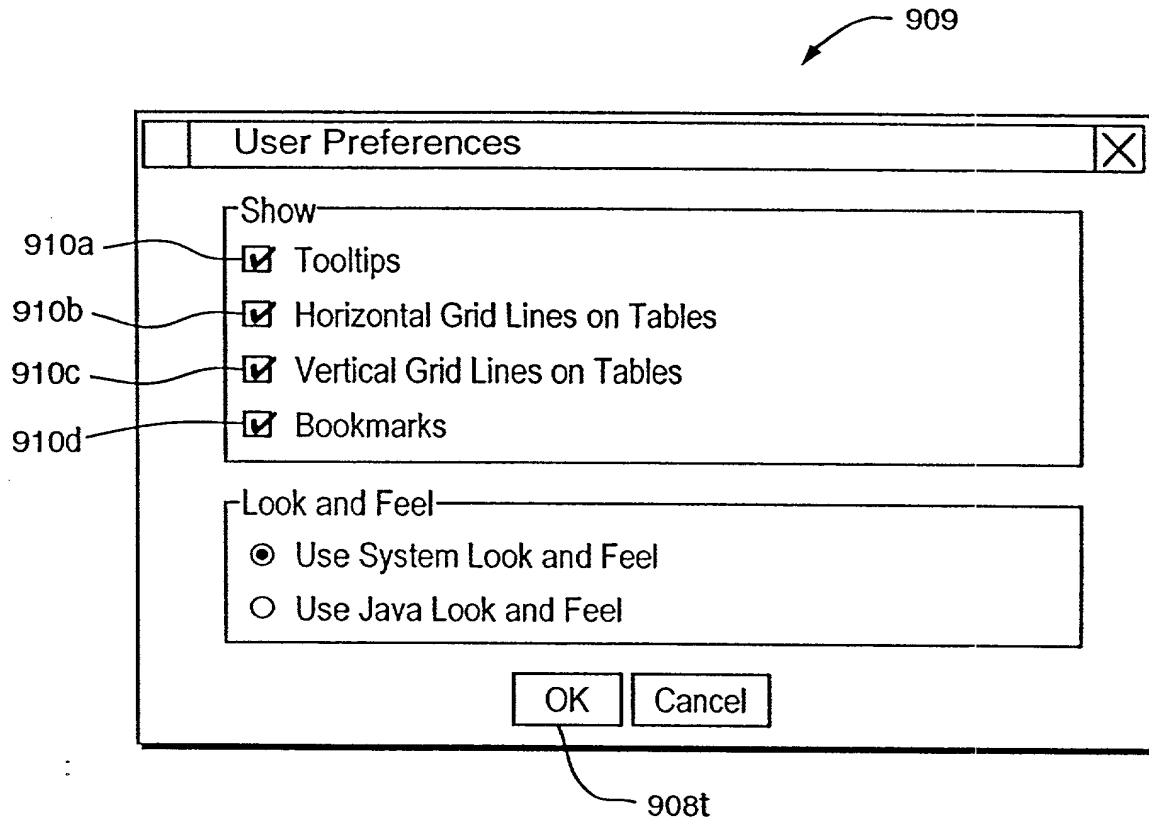


FIG. 11H

TO: 230" 92695/60

907

General

908a

Username:Kevin

908e

Description:Kevin Snow user account

908f

Group Name:Equipe

908d

Group Level Access:☒

908b

Password:*****

908c

Confirm Password:*****

Policies

908h

☒ User Cannot Change Password

908i

☐ Account Disabled

908j

☒ User Can Add Devices

908k

User Session Timeout: 15 Minutes

TO
FIG. 11J

FIG. 11I

FROM
FIG. 11I

Servers

Primary Server:

192.168.1.220

Primary Server Port:

6500

Secondary Server:

192.168.1.221

Secondary Server Port:

6503

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
19 Group List				
19 Walmart-East				
Walmart-West				
Knart 1				
Sears-Northeast				

Add

Delete

908g

908p

908q

908r

908s

908l

908n

908m

908o

1000a

1000

FIG. 11J

102200 92695450

1002

EvailNet Manager: SONET Path Configuration - 11/8/5

System: 192.168.9.201

SONET Line

Slot 8 Port 5 Type OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)

☐ Configure

☐ Custom Configuration

4 ..

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/8/5	Path1_11/...	1	STS-12c	Termin.	ATM		

1002e Modify

Graphical Representation

Position

Width

1

STS-12c

1002c

1002d

Group Name:

1002b

OK

Cancel

1002a

FIG. 11K

FOUO 92095450

1002

EvailNet Manager: SONET Path Configuration - 11/8/5

System: 192.168.9.201

SONET Line

Slot 8 Port 5 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒ **Configure** 4 paths

☐ Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/8/5	Path1_11/8/5	1	STS-3c	Termin.	ATM		
11/8/5	Path2_11/8/5	4	STS-3c	Termin.	ATM		
11/8/5	Path3_11/8/5	7	STS-3c	Termin.	ATM		
11/8/5	Path4_11/8/5	10	STS-3c	Termin.	ATM		

1002e Modify

Graphical Representation

Position

Width

1

4

7

10

STS-3c

STS-3c

STS-3c

STS-3c

1002b Group Name: 1002c

1002d OK Cancel

FIG. 11L

1002a

1002-

FIG. 11M

MANAGED RESOURCE GROUP TABLE 1008

LID	MANAGED DEVICE PID	GROUP NAME
1145	1	WALMART-EAST
⋮	⋮	⋮

FIG. 11N

MANAGED RESOURCE TABLE 1007

LID	RESOURCE LID	MANAGE RESOURCE GROUP LID
4443	901	1145
⋮	⋮	⋮

FIG. 11O

Figure 10 is a screenshot of a network configuration window titled "Add V-ATM Interface - 192.168.9.201". The window contains the following elements:

- Title Bar:** "Add V-ATM Interface - 192.168.9.201" (Reference numeral 1004 points to the title bar area).
- Shelf/Slot/Port:** "11/4/2"
- Path Name:** "Path2_11/4/2"
- Virtual ATM Interface Parameters:** A section containing a table with four rows:
 - Name (Alias):** An empty text input field.
 - Connection Type:** A dropdown menu showing "Direct Link".
 - Version:** A dropdown menu showing "UNI Network 3.1".
 - Admin. Status:** A dropdown menu showing "Up".
- Group Name:** An empty text input field (Reference numeral 1004a points to this field).
- Buttons:** "OK" and "Cancel" buttons at the bottom. Reference numeral 1004b points to the "OK" button, and reference numeral 1004c points to the "Cancel" button.

FIG. 11P

Source: 192.168.9.201 Destination: 192.168.9.201

End Point 1

192.168.9.201

- Shelf 11
 - Slot 1
 - Slot 2
 - Slot 3
 - Slot 4
 - Port 1
 - Port 2
 - ATM-Path2_11/4/2

End Point 1

192.168.9.201

- Shelf 11
 - Shelf 13

Connection Parameters

Connection Name:

Admin Status:

Group Name:

End Point 1 Parameters:

VPI: ☐ Use Any VPI Value

VCI: ☐ Use Any VCI Value

Transmit Traffic Descriptor:

Receive Traffic Descriptor:

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: ☐ Use Any VPI Value

VCI: ☐ Use Any VCI Value

Transmit Traffic Descriptor:

Receive Traffic Descriptor:

☐ Use the same Traffic Descriptor for both Transmit and Receive

1006c

FIG. 11Q

USER TABLE 1010

1010a	1010b		1010c	1010d	1010e
	LID	USERNAME	PASSWORD	GROUP LEVEL ACCESS	
	2012	DAVE	MARBLE	PROVISIONER	
	⋮	⋮	⋮		

FIG. 11R

USER MANAGED DEVICE TABLE 1012

1012a	1012b		1012c	1012d	1012e
	LID	USER LID	HOST LID	RETRY	TIMEOUT
	7892	2012	9046		
	⋮	⋮	⋮	⋮	⋮

FIG. 11S

TO 230 965460

ADMINISTRATION MANAGED DEVICE TABLE 1014

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3
.
.
.

FIG. 11T

1013

ADD DELETE DEVICE Dig

1013a — DEVICE HOST: 192.168.1.202
1013b — DEVICE PORT: 1521
1013c — SNMP RETRY:
1013d — SNMP TIMEOUT:
1013e — ADMIN. PASSWORD:
1013f — PROV. PASSWORD:
1013g — VIEWER PASSWORD:

1013h —

1013i

FIG. 11U

USER RESOURCE GROUP MAP TABLE 1016

LID	USER LID	USER RESOURCE GROUP LID
8086	2012	1024
⋮	⋮	⋮

FIG. 11V

USER RESOURCE GROUP TABLE 1018

LID	HOST LID	GROUP NAME
1024	9046	WALMART-EAST
⋮	⋮	⋮

FIG. 11W

10/22/2013 9:55:56 AM

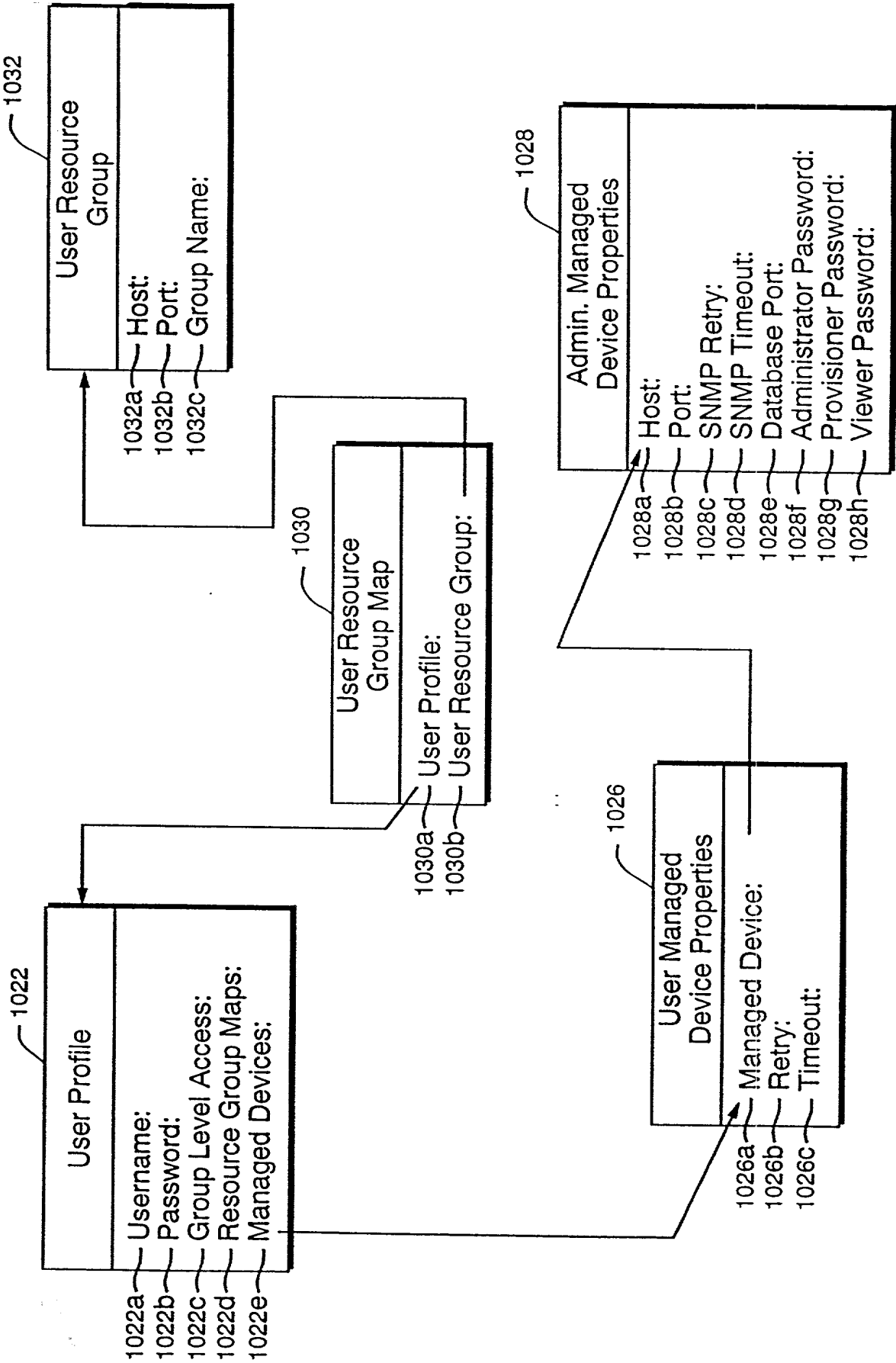


FIG. 11X

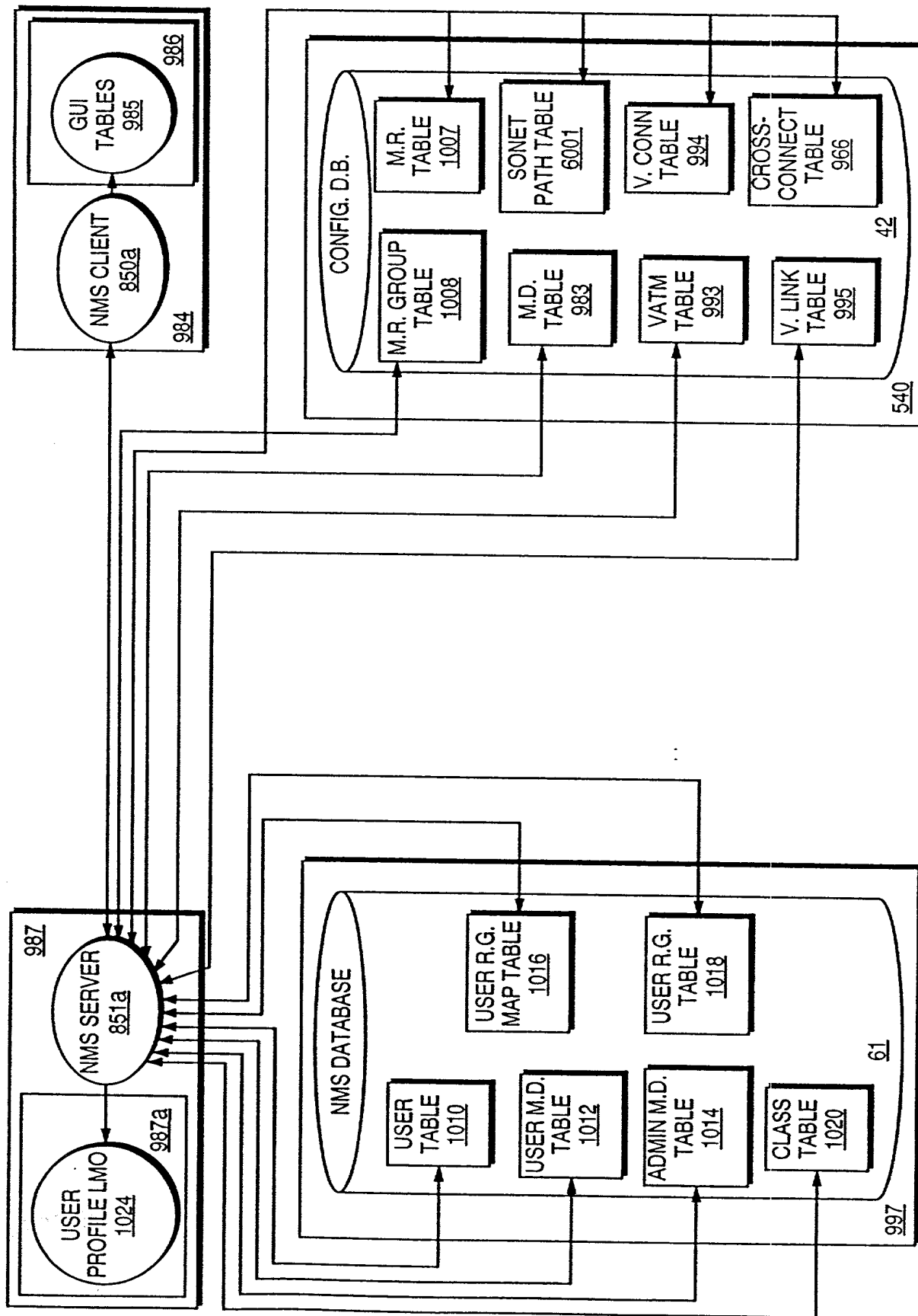


FIG. 11Y

102689-67

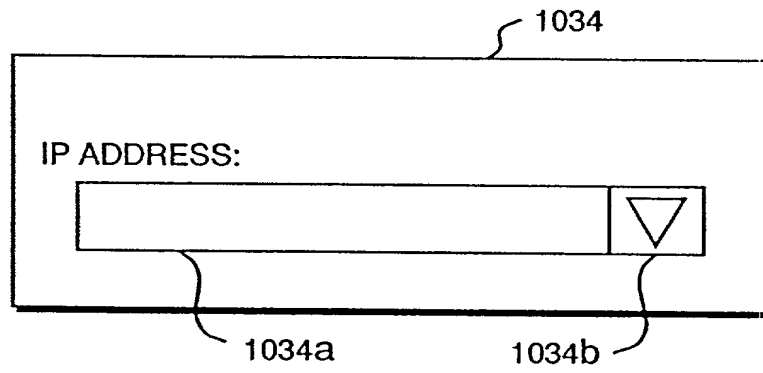


FIG. 11Z

TABLE 1

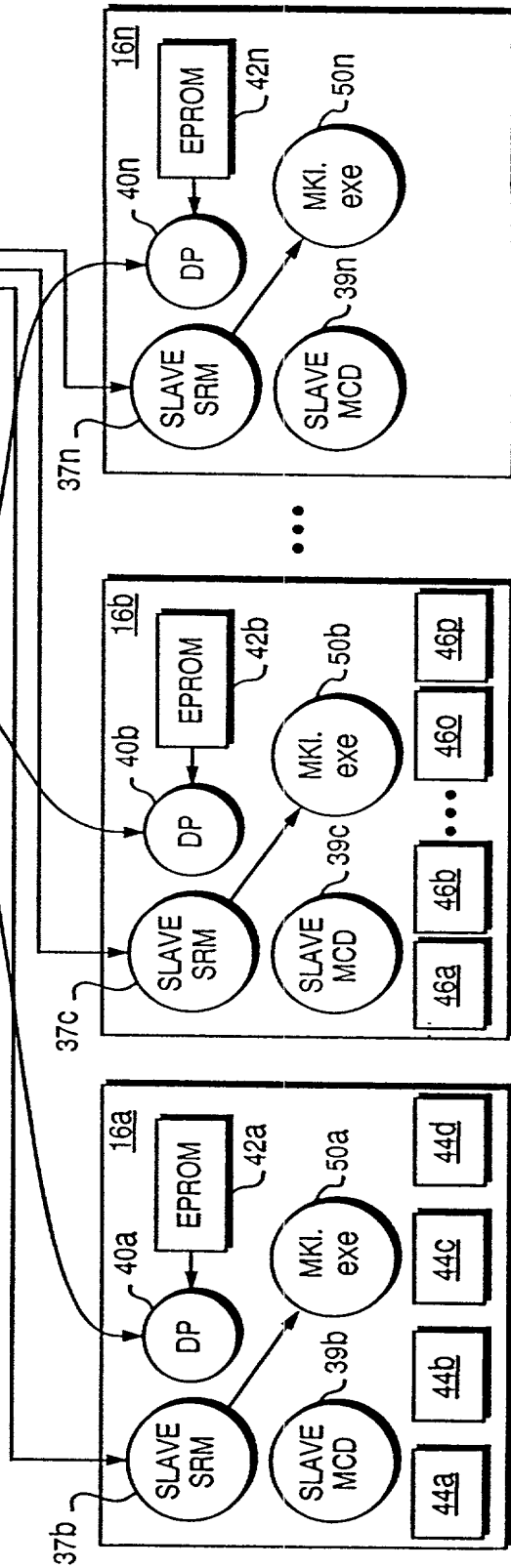
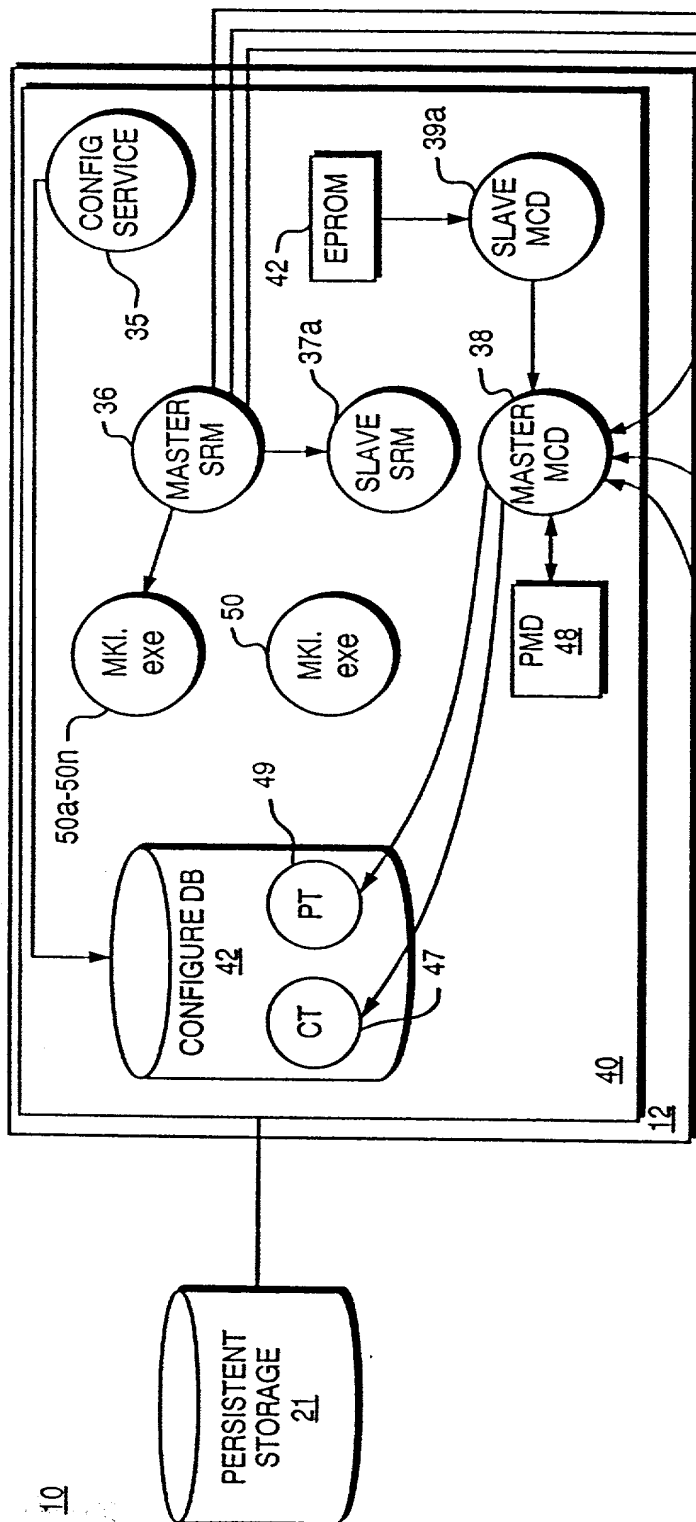


FIG. 12A

CARD TABLE 47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1	
16b	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16e	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16n	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 12B

PORT TABLE 49

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
46a	⋮	⋮	⋮	⋮	⋮
	1600	00620	1	8	
	⋮	⋮	⋮	⋮	⋮

FIG. 12C

T02200 92695/60

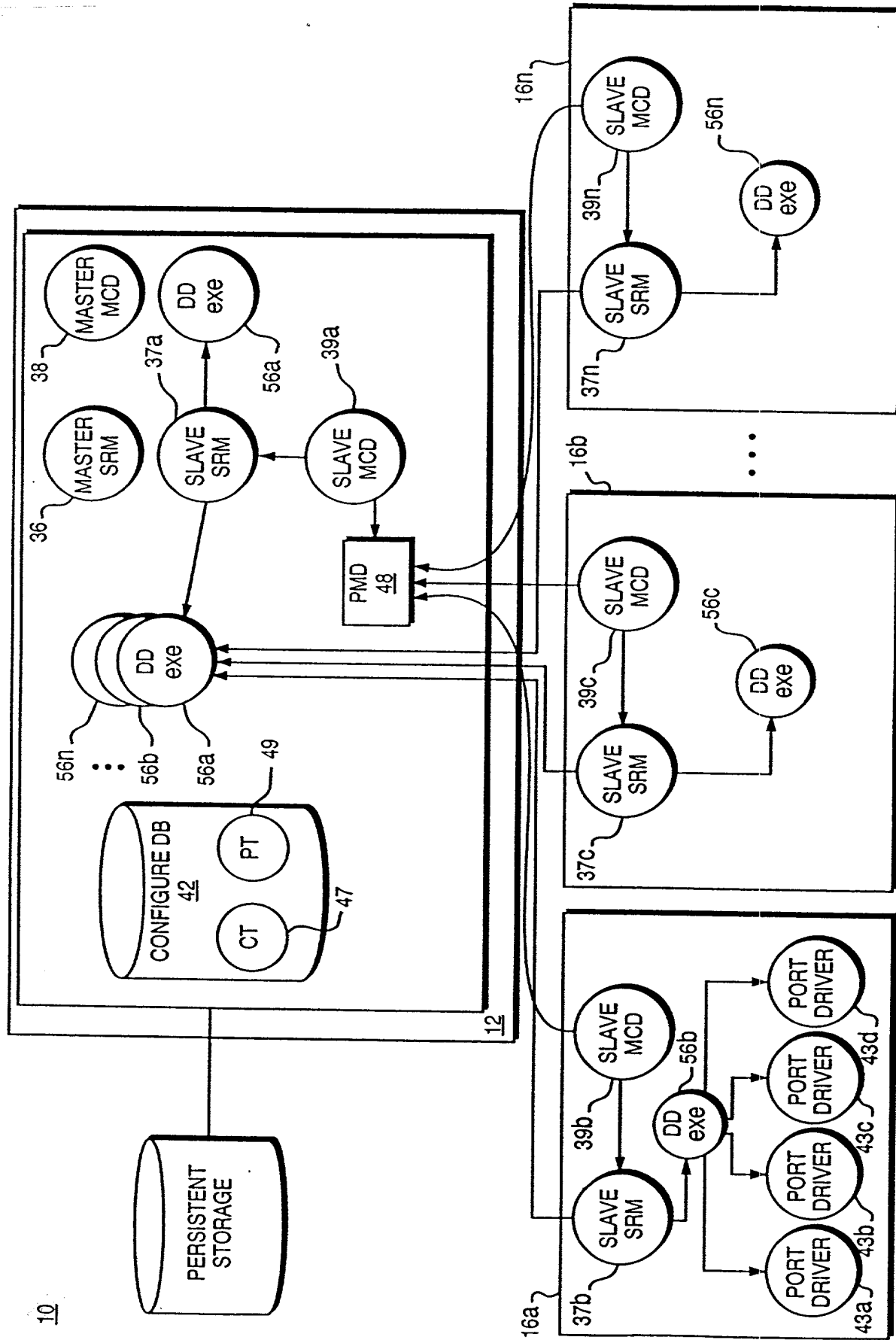


FIG. 13A

FIG. 13B

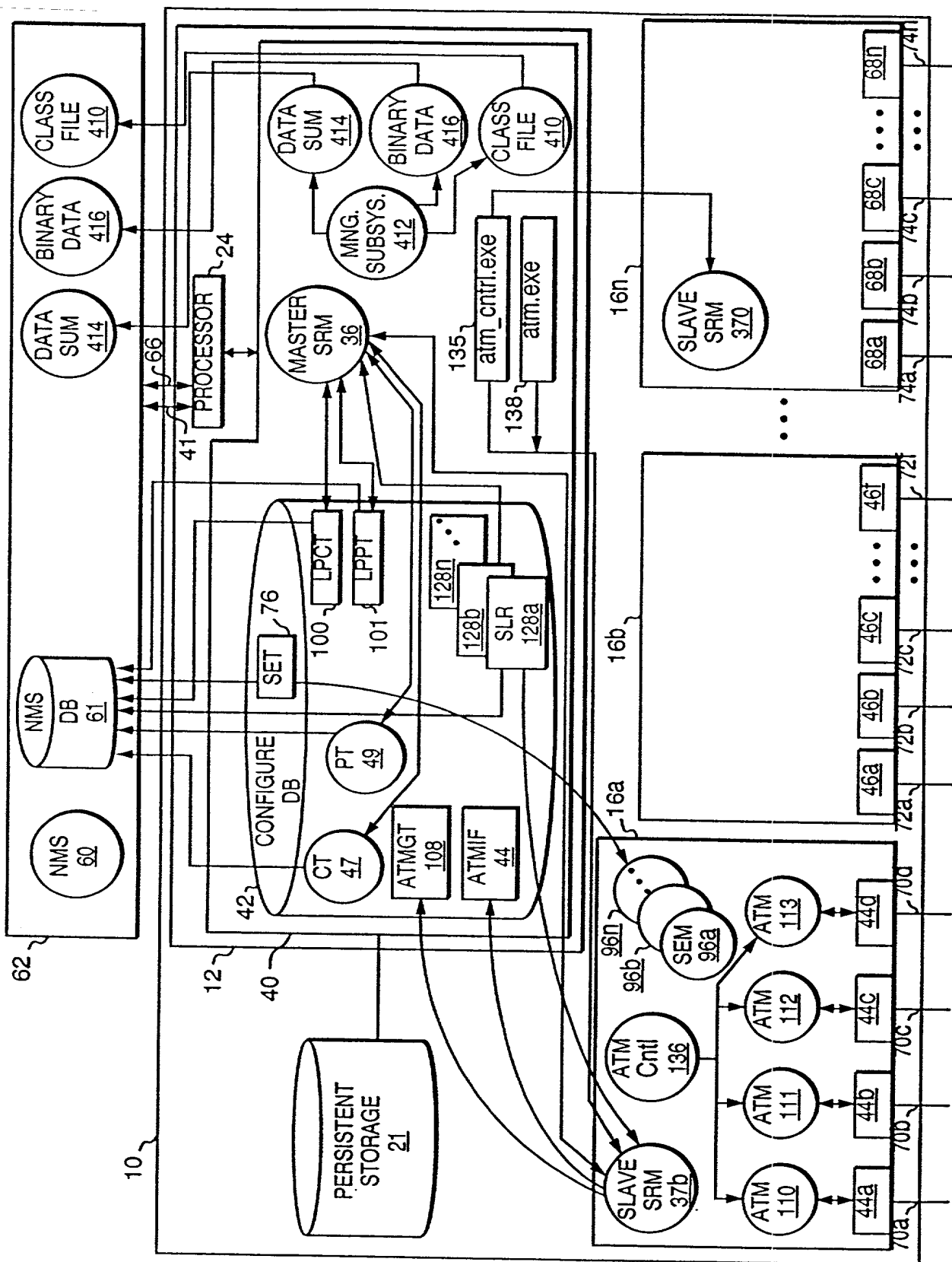


FIG. 13B

FIG. 13C

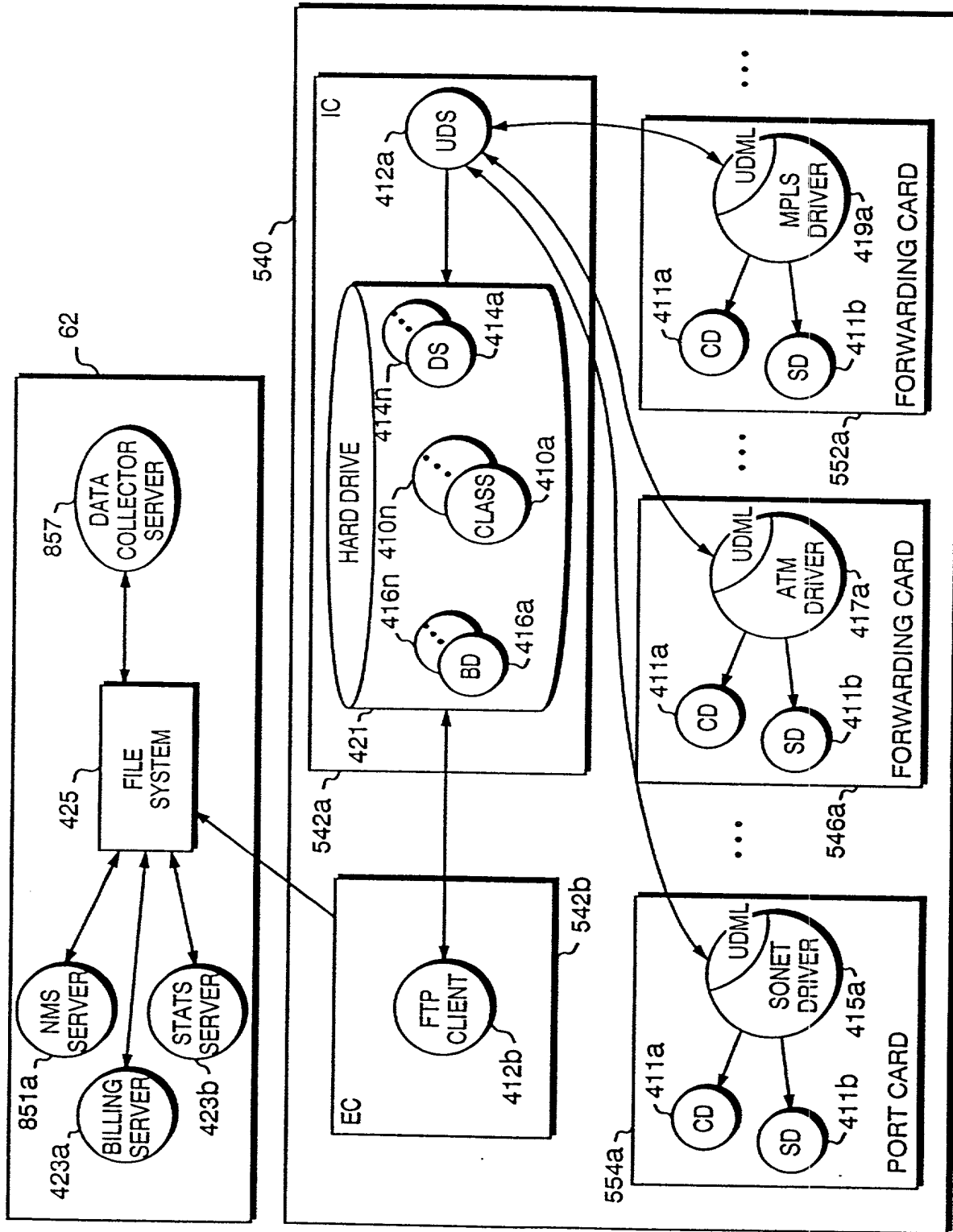


FIG. 13C

FIG. 13D

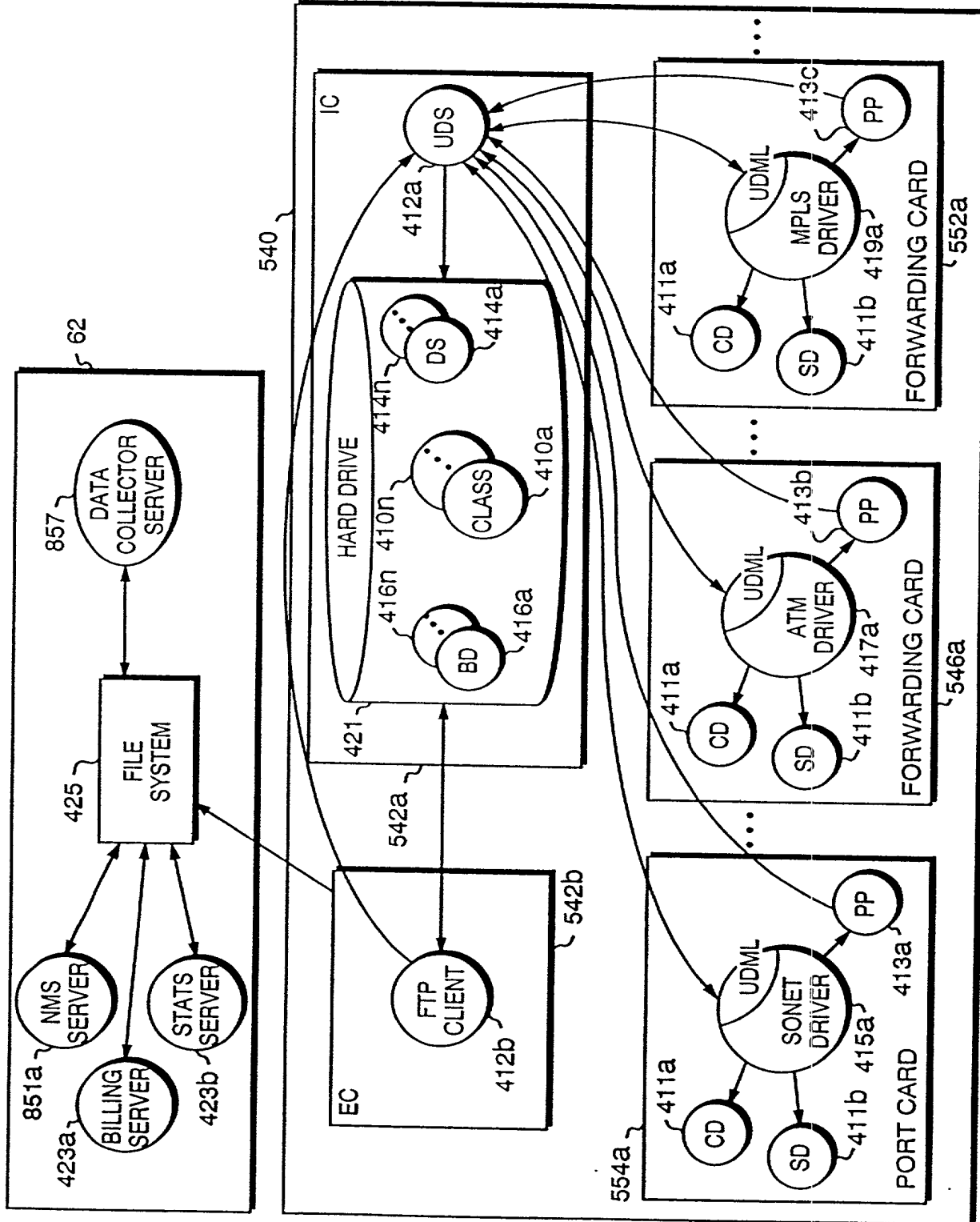


FIG. 13D

SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮
	⋮	⋮
	⋮	⋮

FIG. 14A

LOGICAL TO PHYSICAL CARD TABLE 100

	98 LID	102 PRIMARY PID	104 BACK-UP PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 14B

LOGICAL TO PHYSICAL PORT TABLE 101

	98 LID	102 PRIMARY PID	104 BACK-UP PID
107	40	1500	1600
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 14C

ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14D

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
•	•	•	•
•	•	•	•
•	•	•	•
12	3	10	
•	•	•	•
•	•	•	•
•	•	•	•

FIG. 14E

SOFTWARE LOAD RECORD 128a

130	CONTROL SHIM	LID	132
134	atm-cntl.exe	30	

FIG. 14F

T02280" 92695/60

FIG. 15

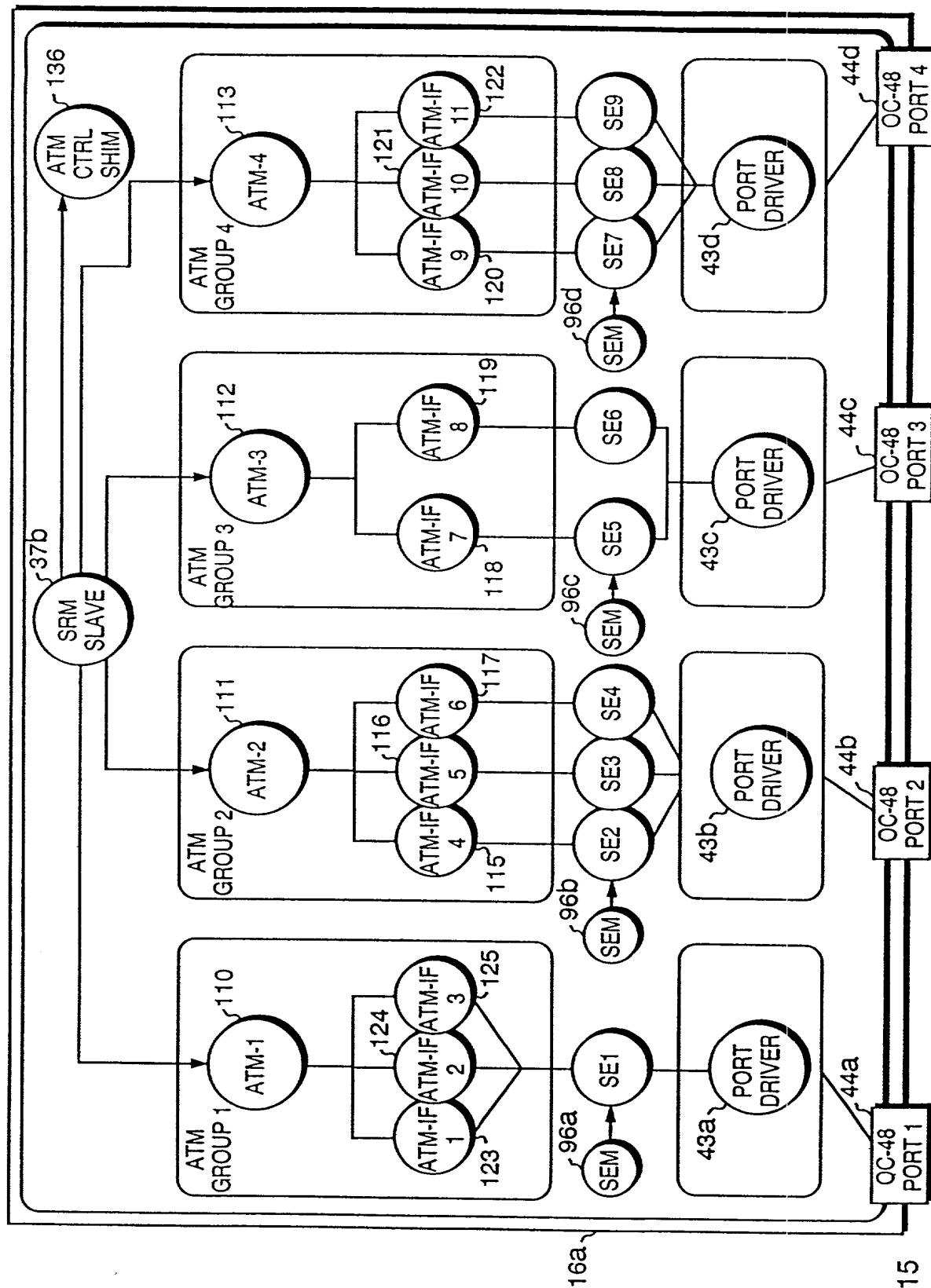


FIG. 15

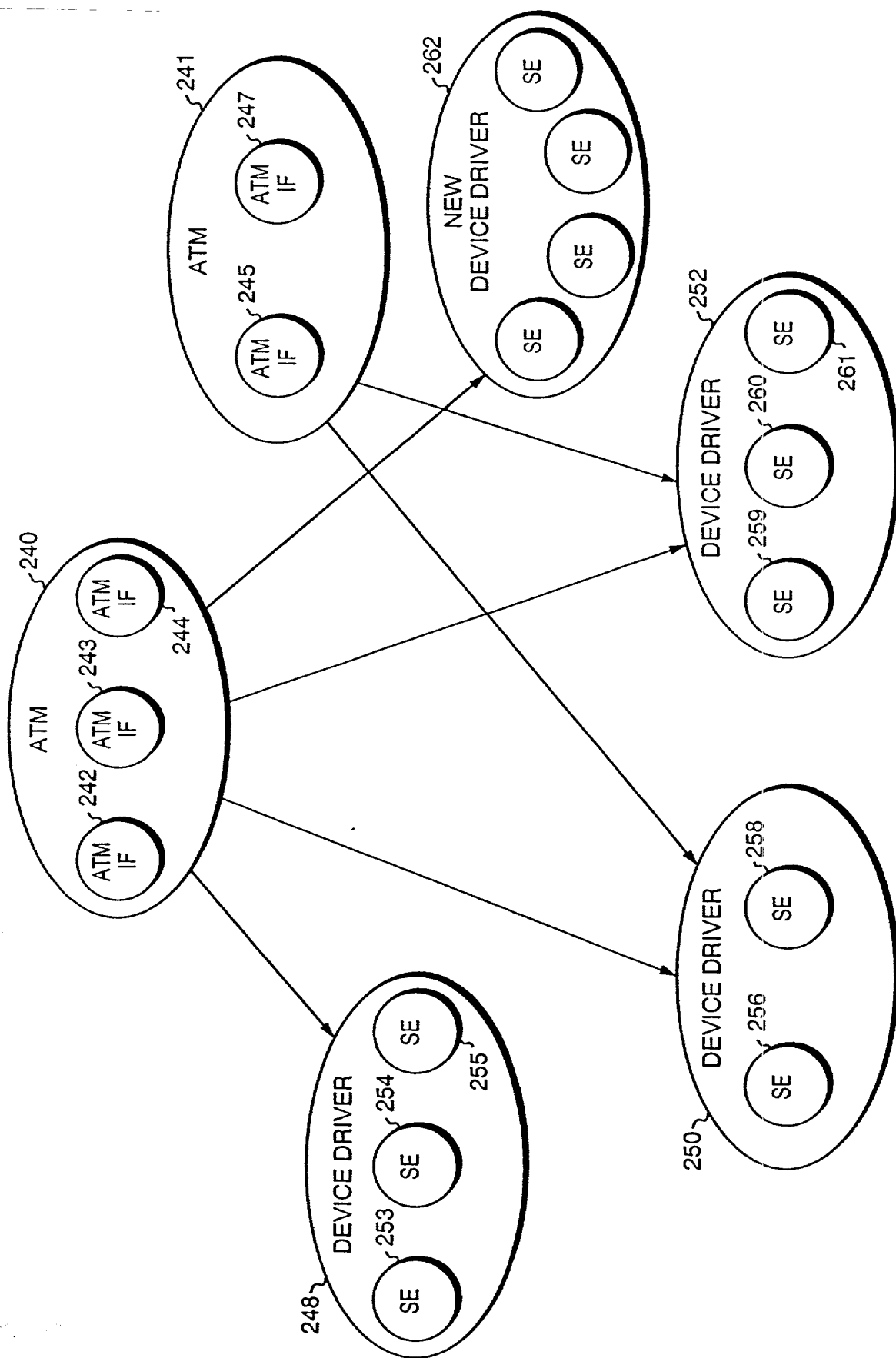


FIG. 16A

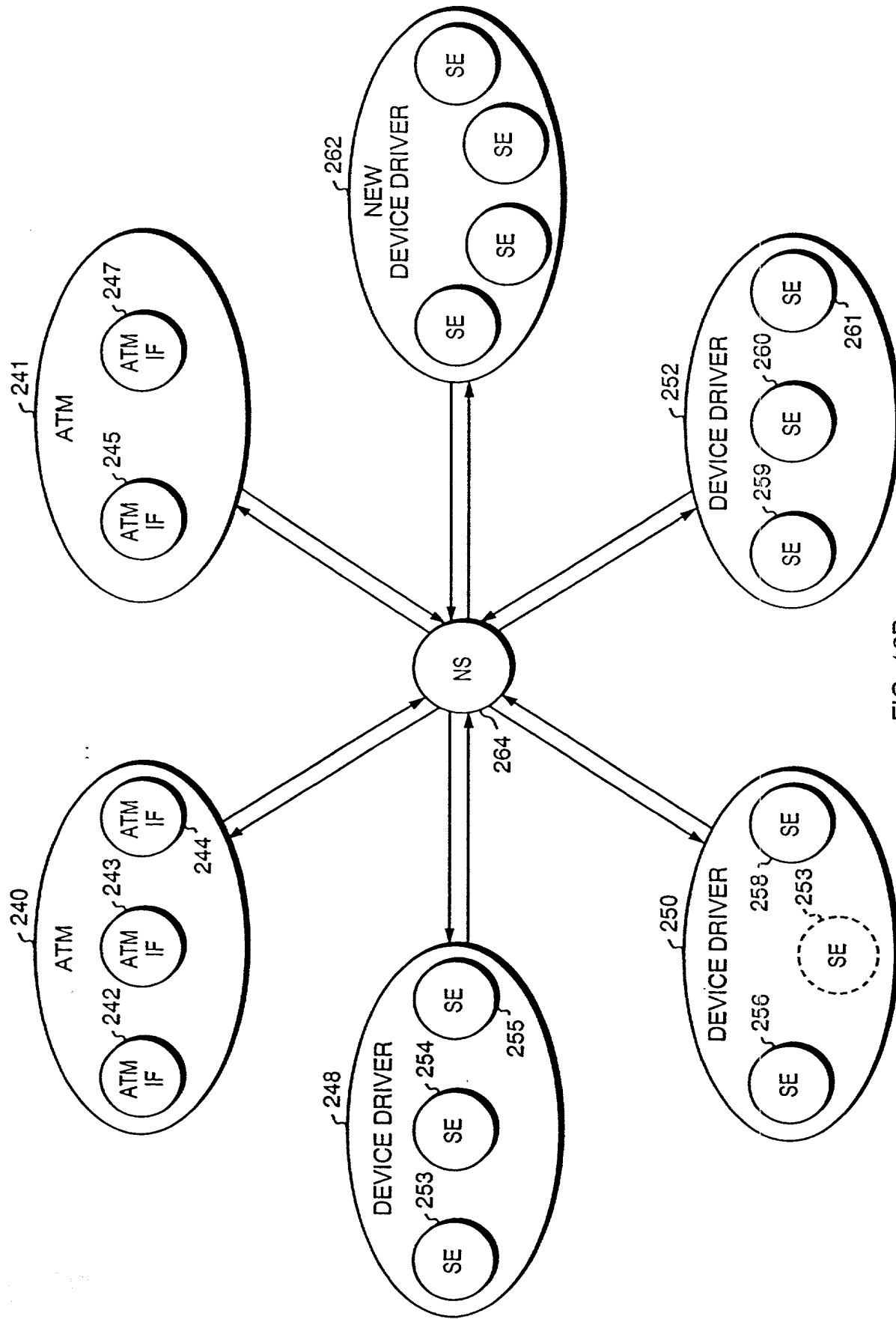


FIG. 16B

FIG. 16C

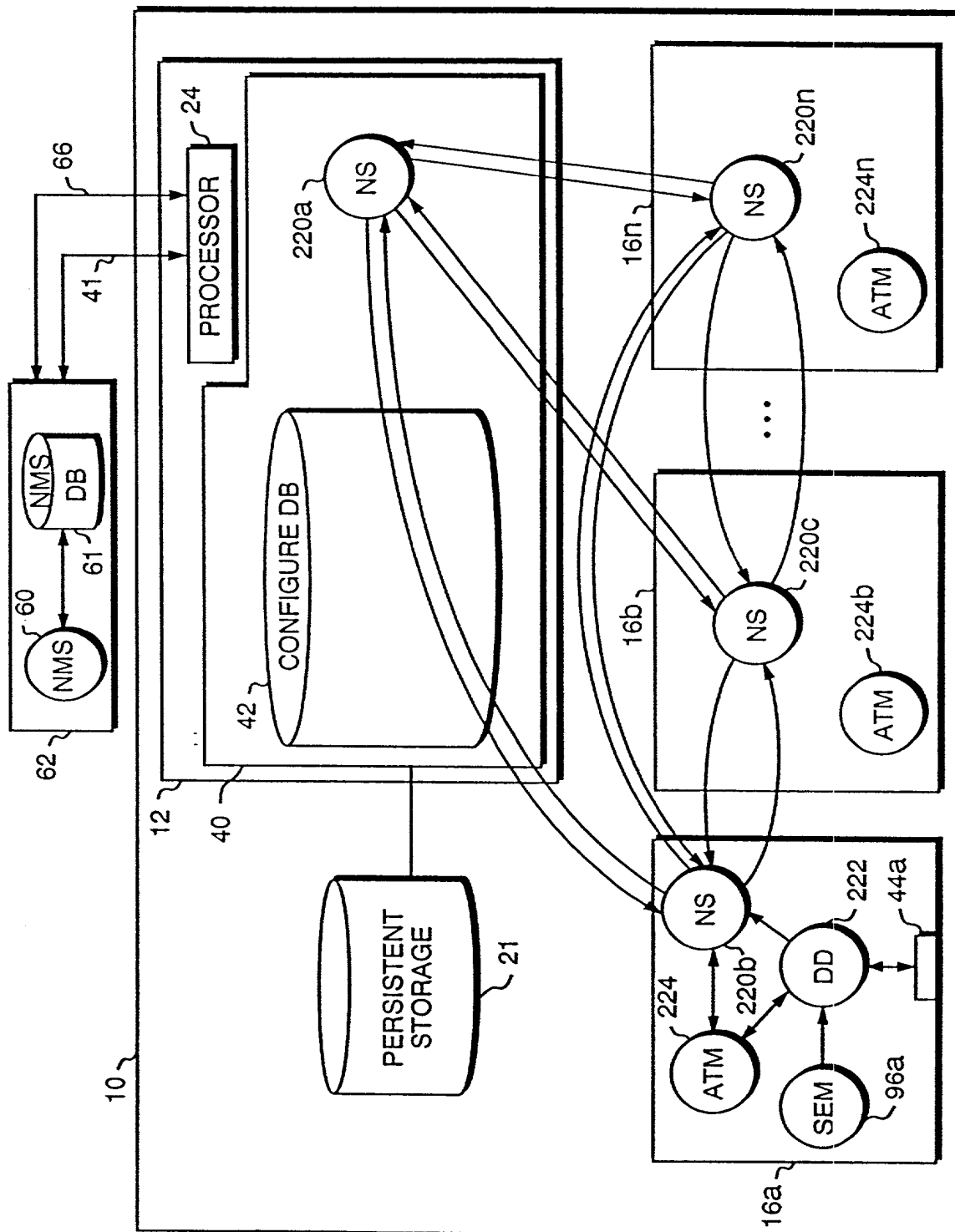


FIG. 16C

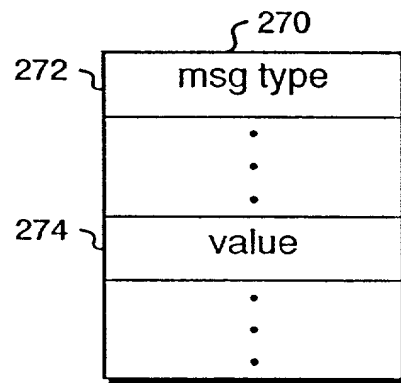


FIG. 16D

102689-67

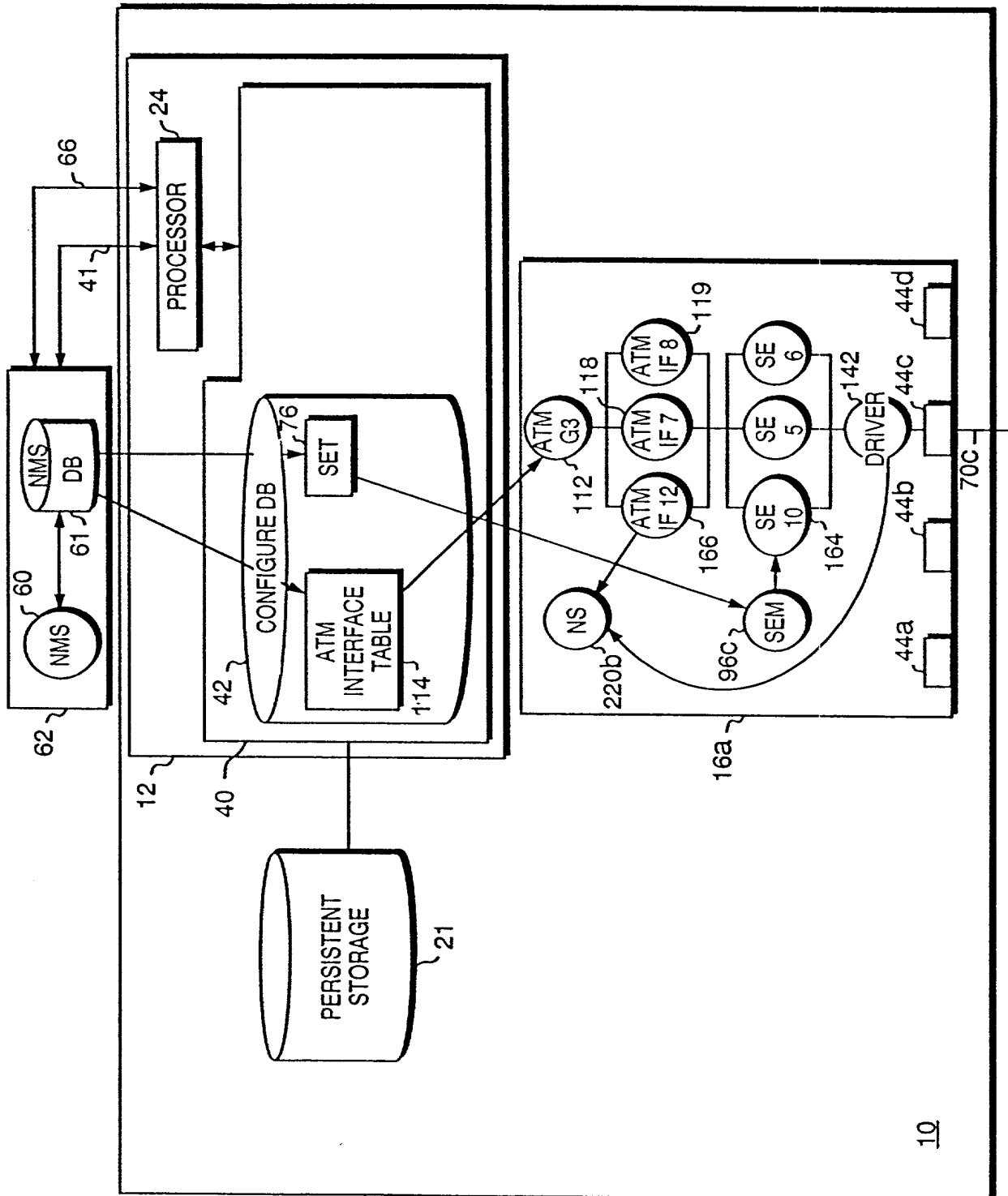


FIG. 17

FO/220" 92695/60

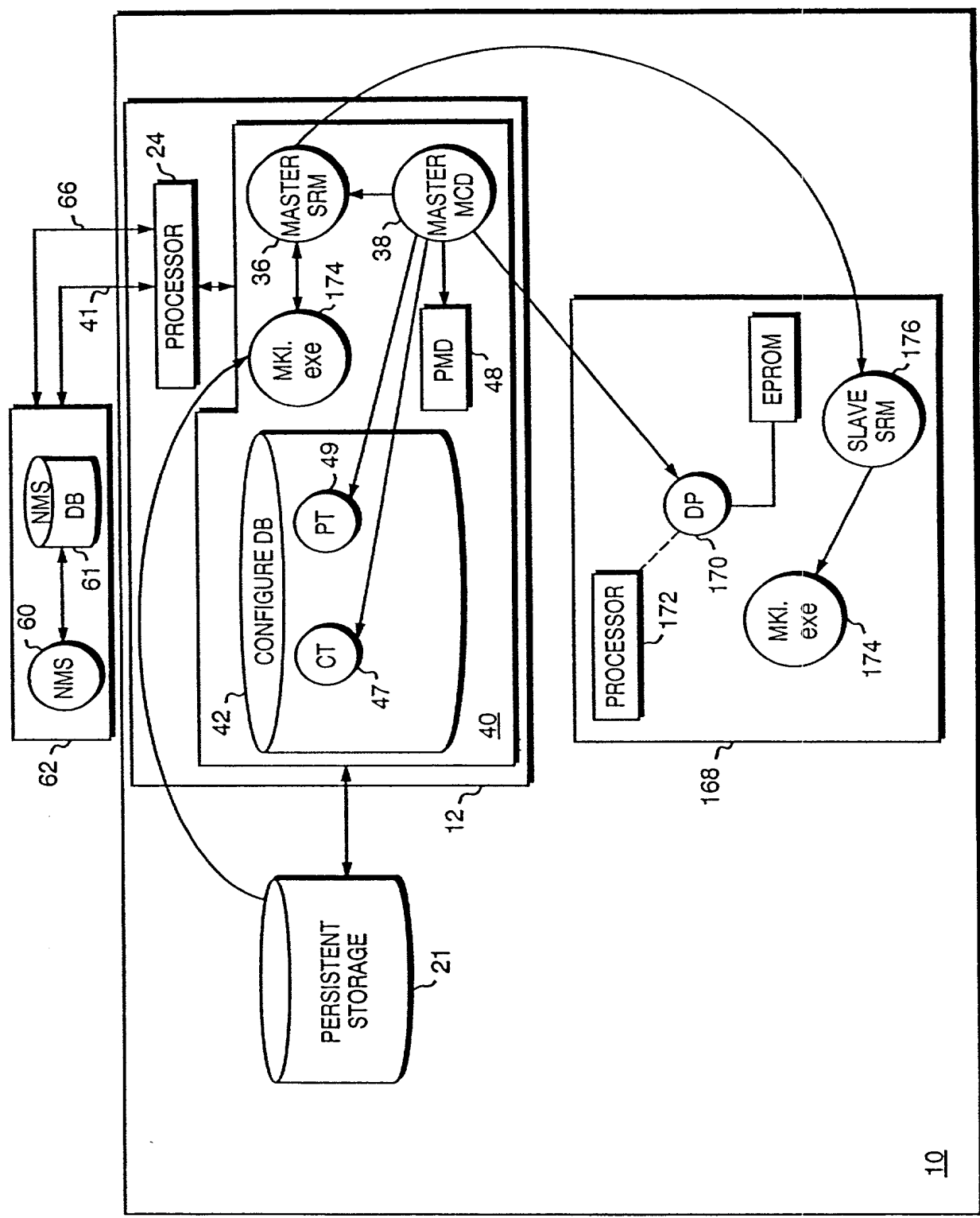


FIG. 18

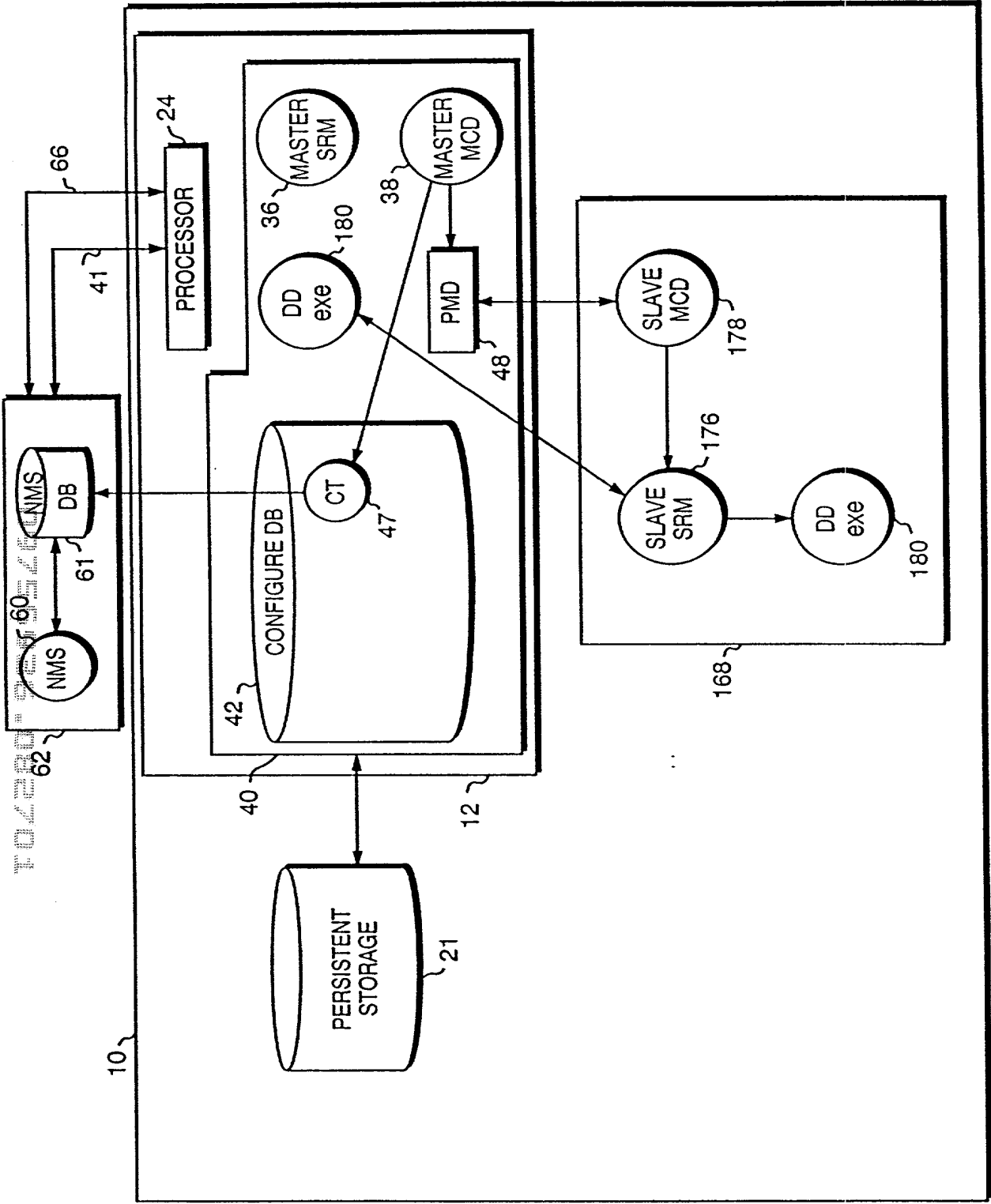


FIG. 19

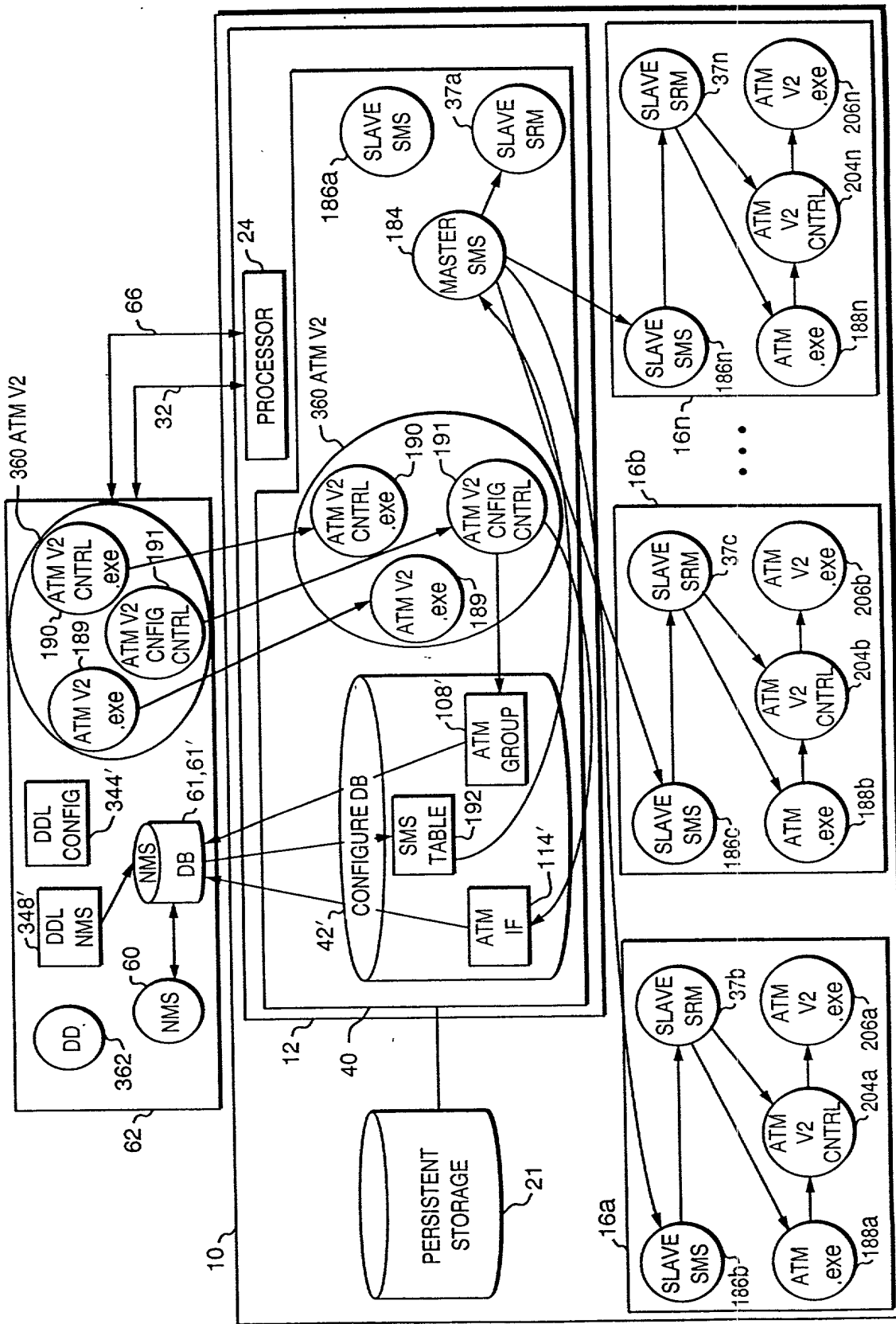


FIG. 20

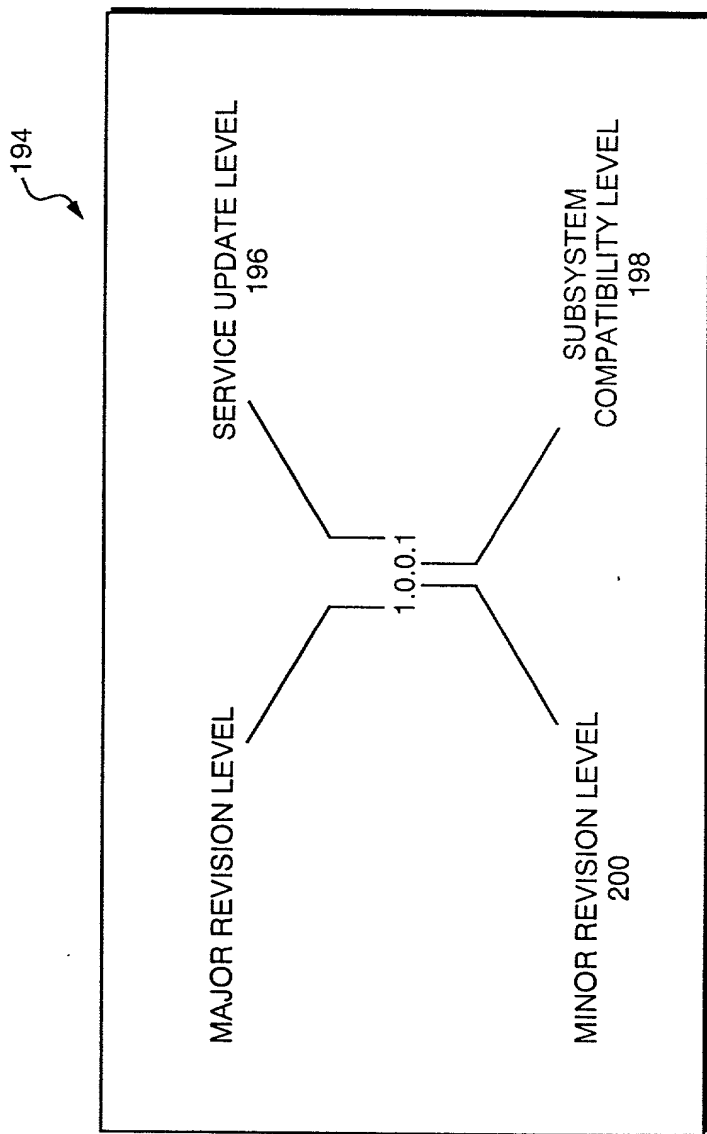


FIG. 21

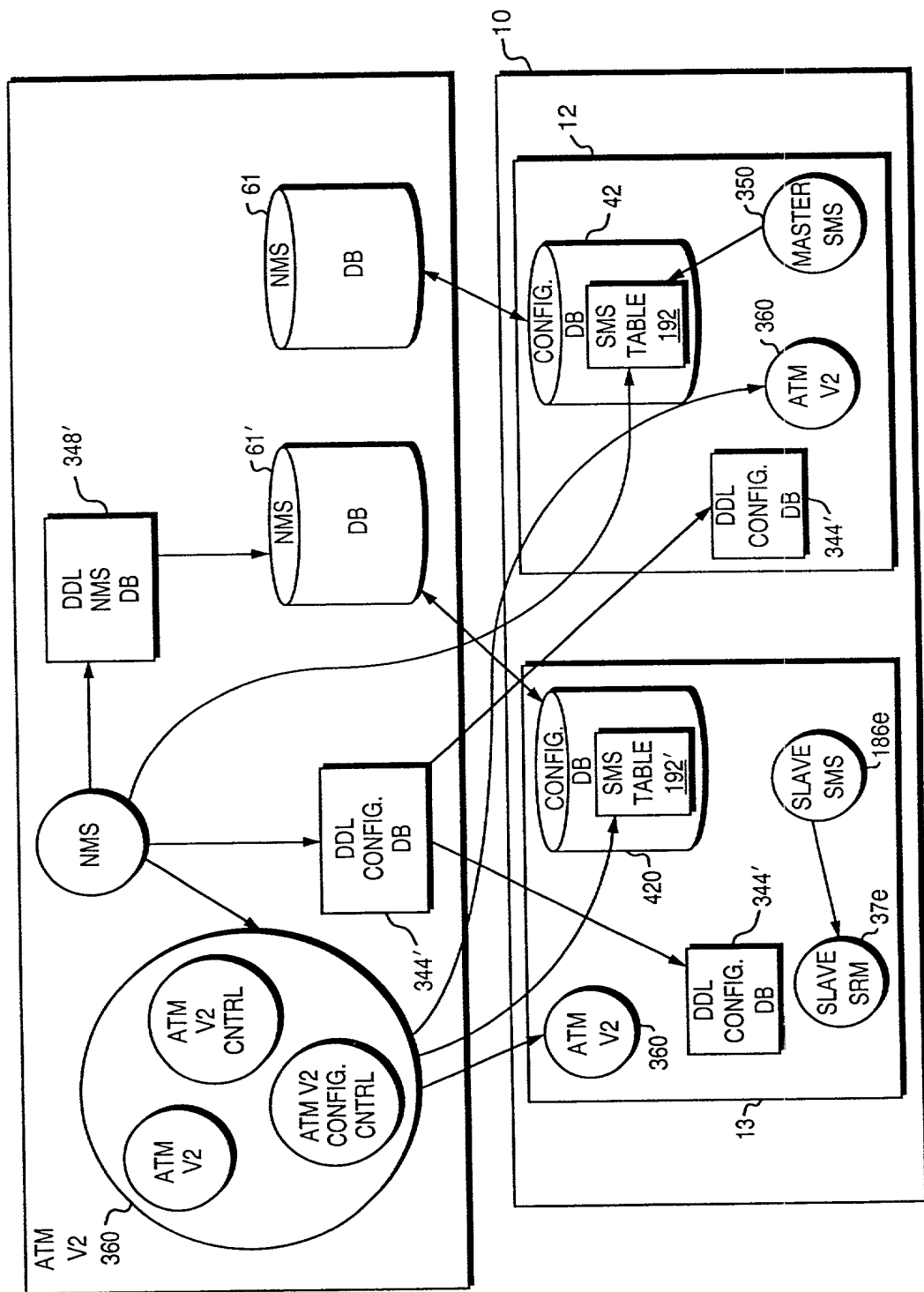


FIG. 22

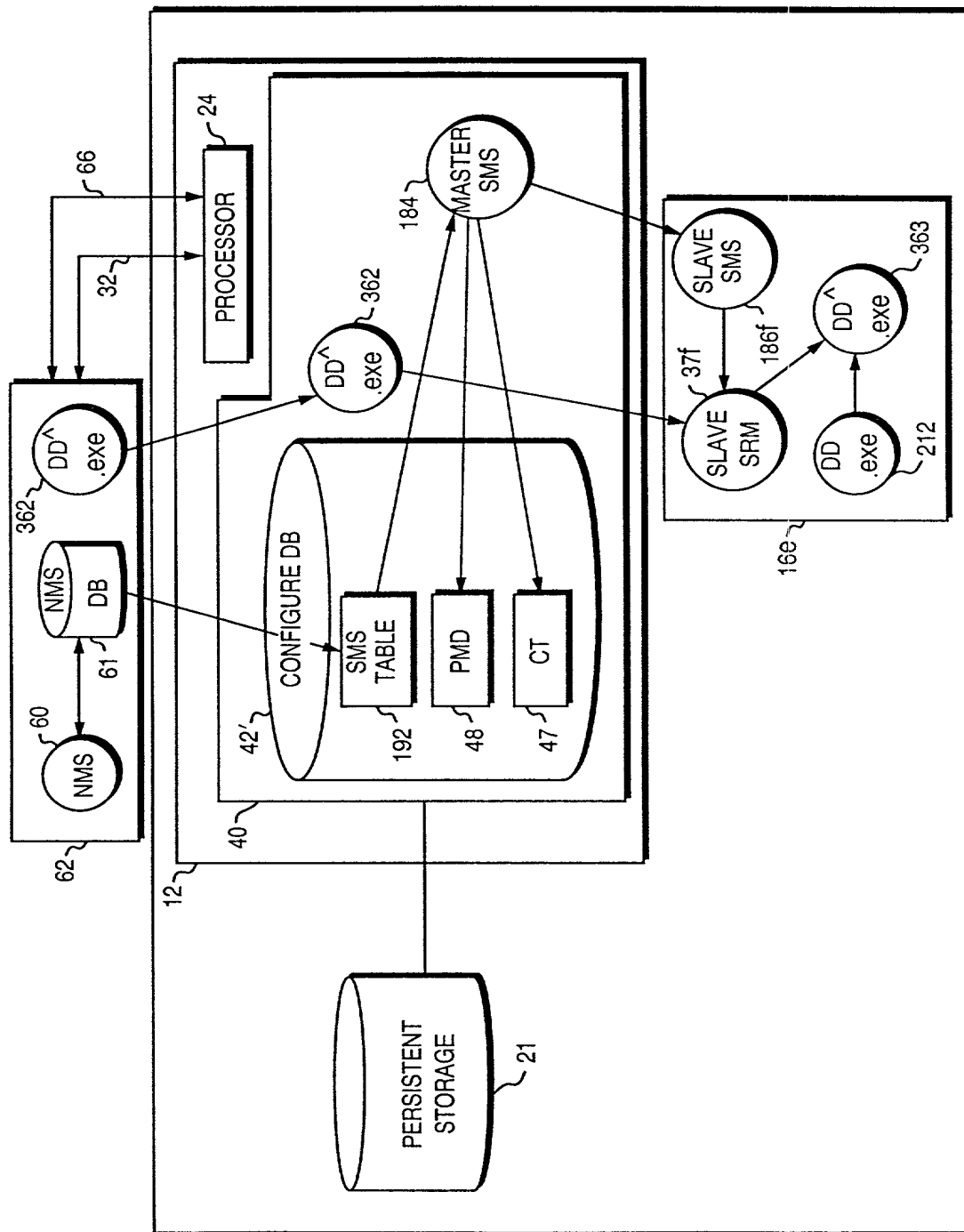


FIG. 23

FIG. 24

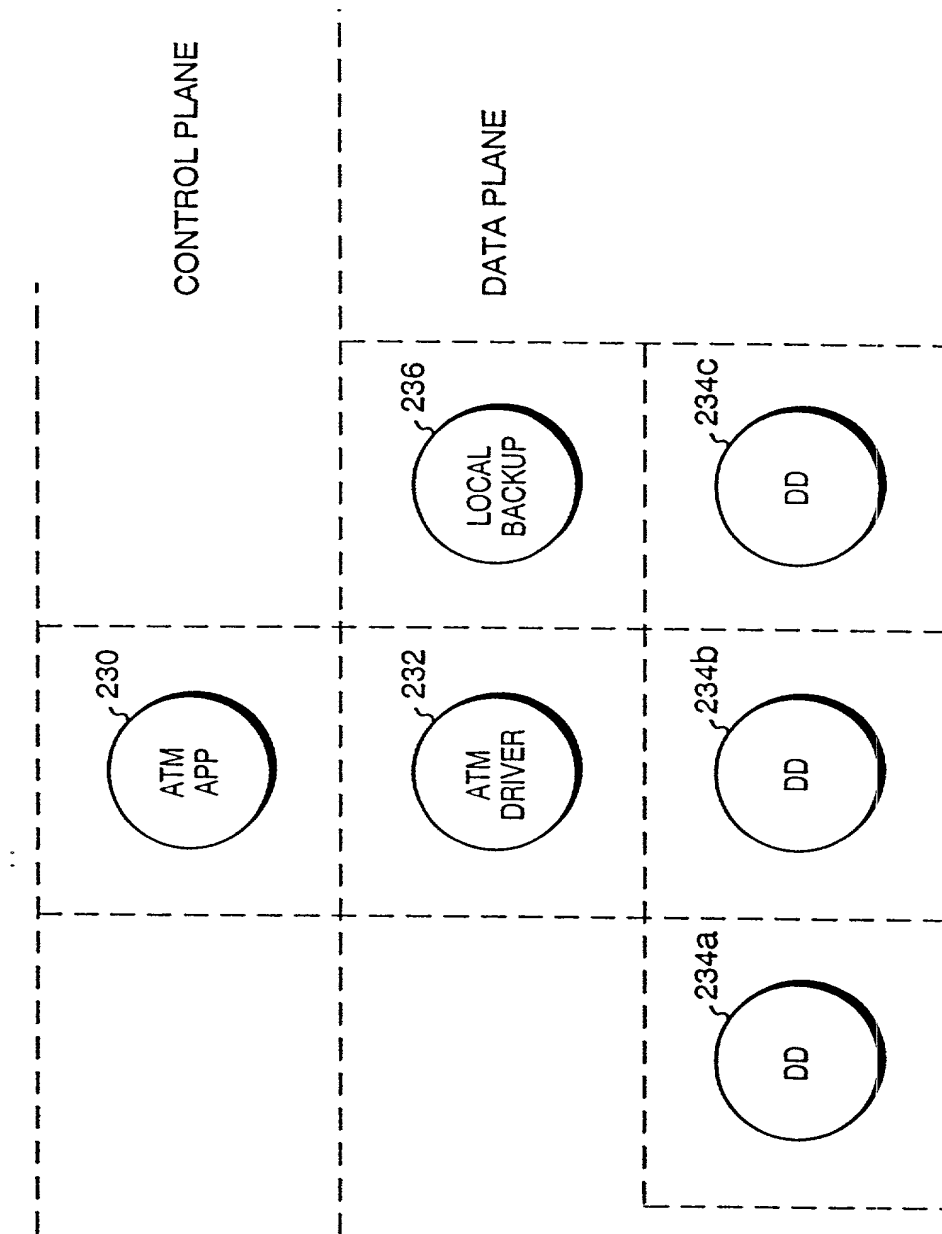


FIG. 24

FIG. 25

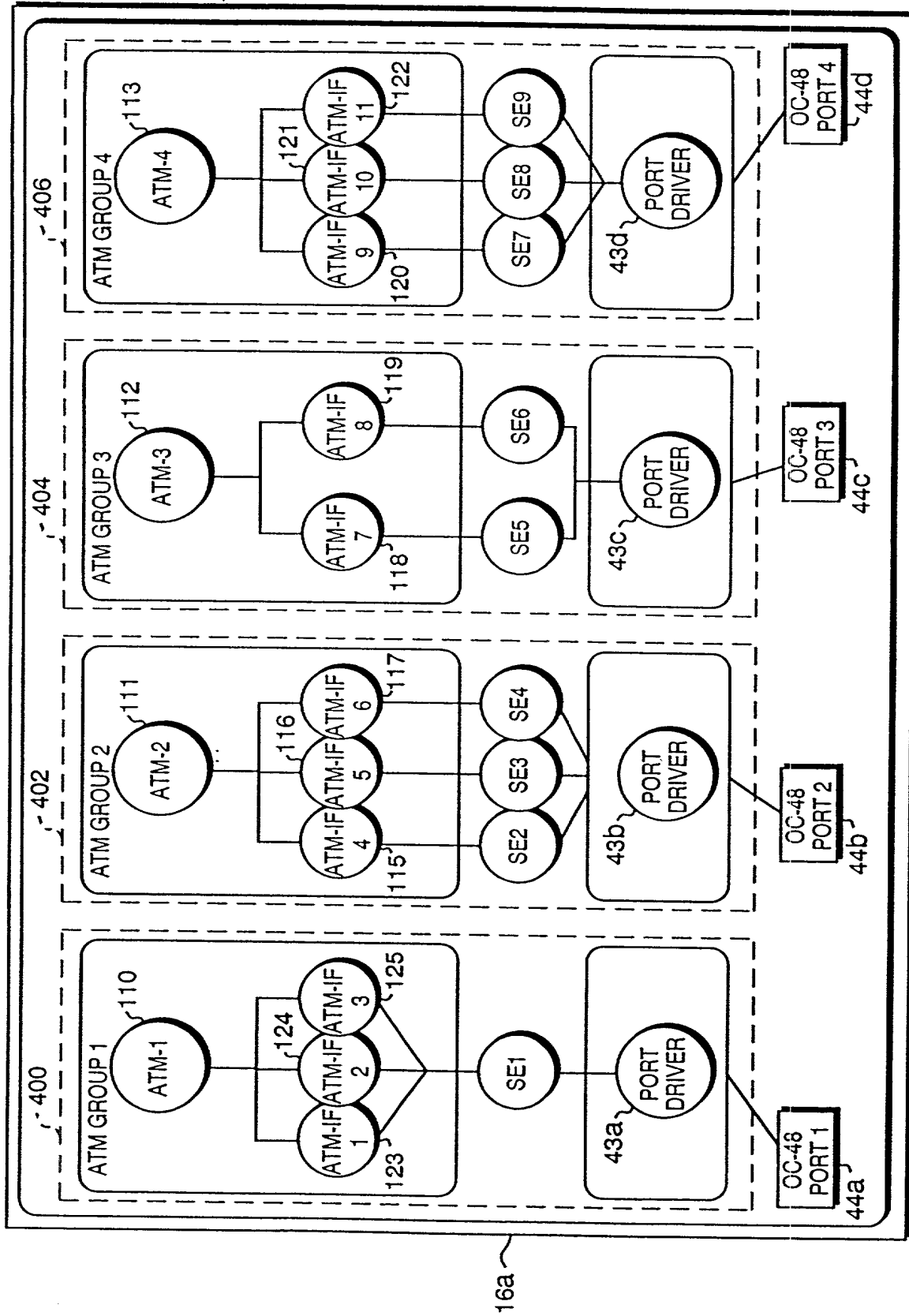


FIG. 25

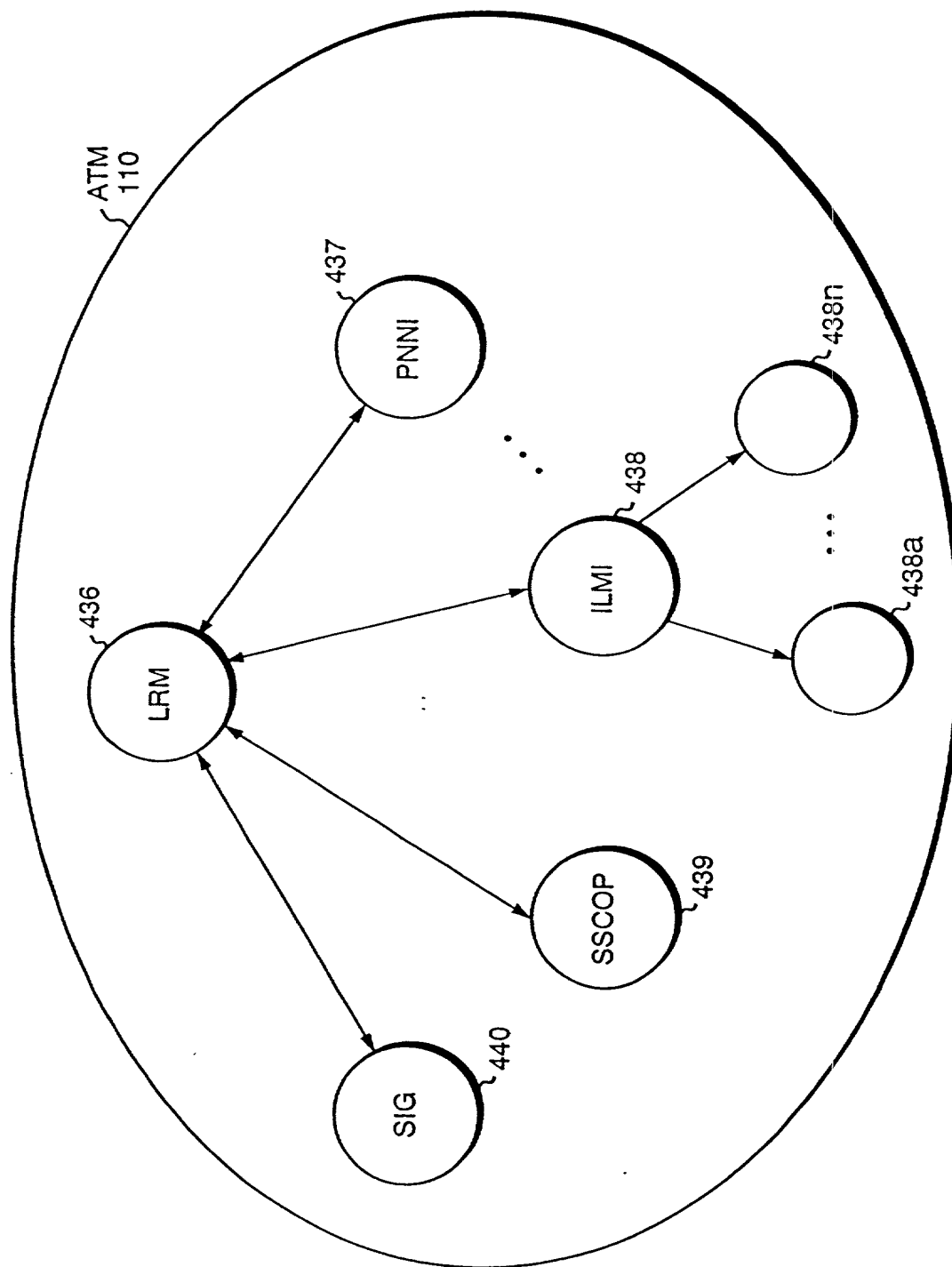


FIG. 27

TO/280" 9E095/60

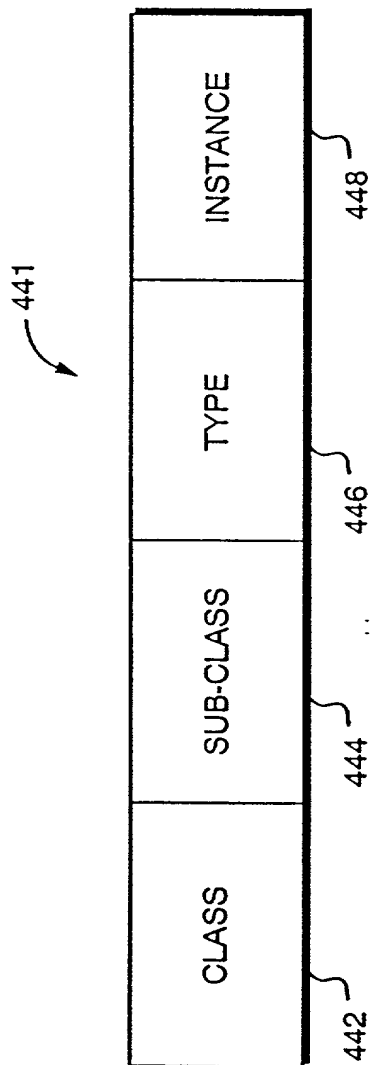


FIG. 28

FIG. 29

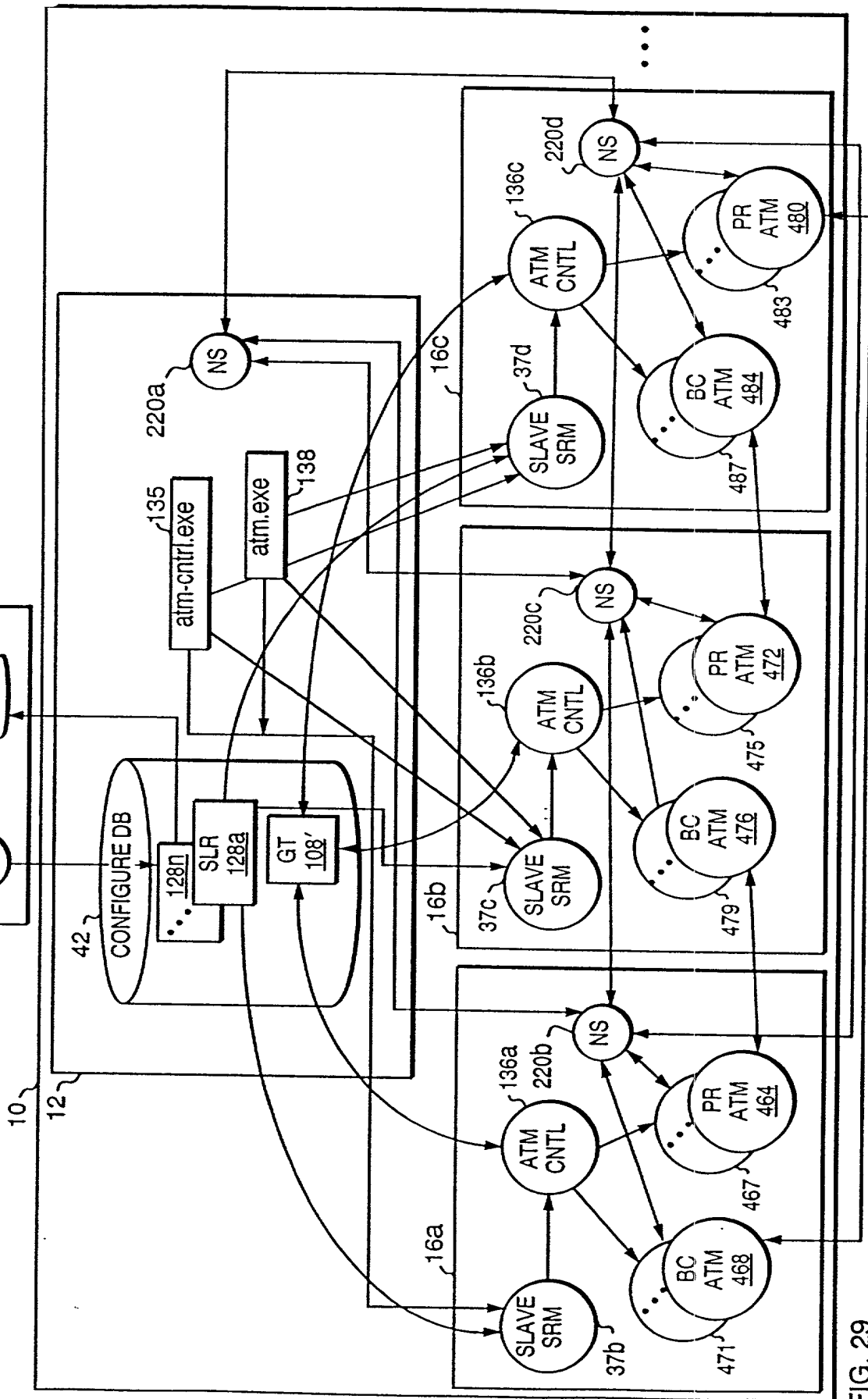
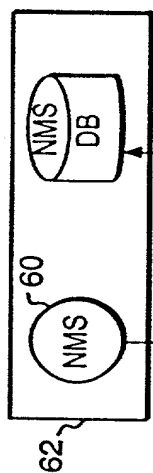


FIG. 29

GROUP TABLE 108'

		447	449	
	GROUP #	PRIMARY CARD LID	BACKUP CARD LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	• • •	• • •	• • •	• • •

FIG. 30

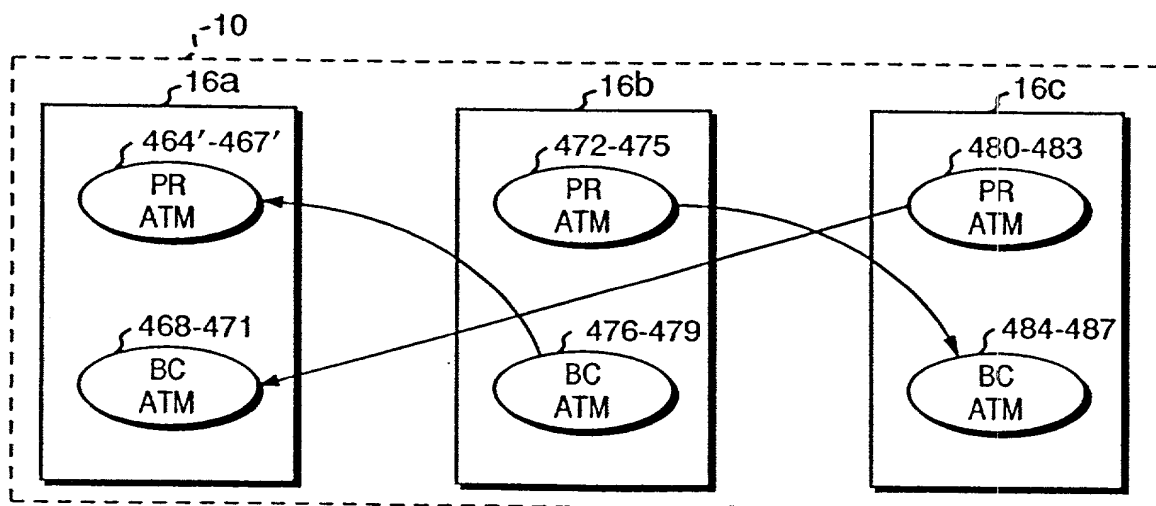
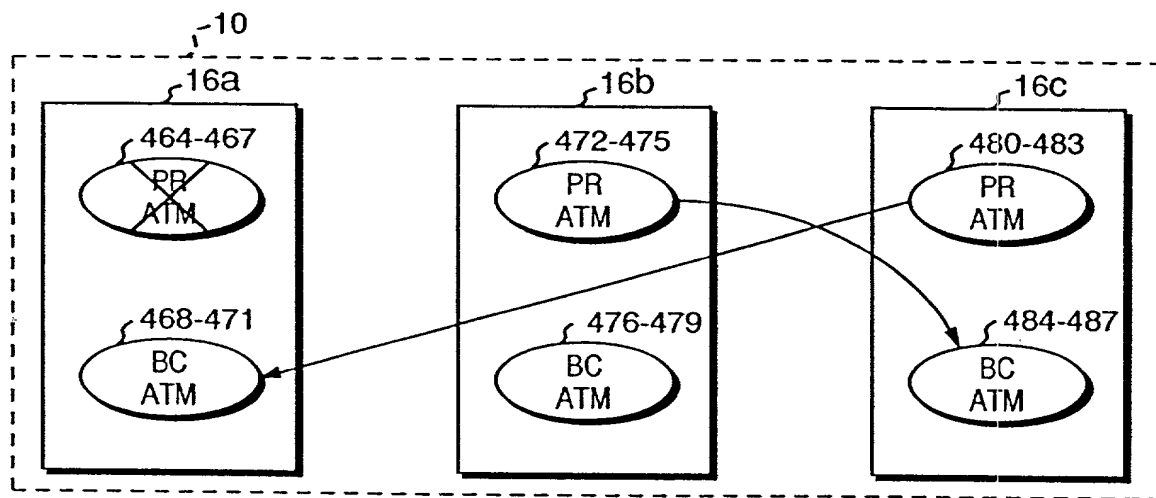
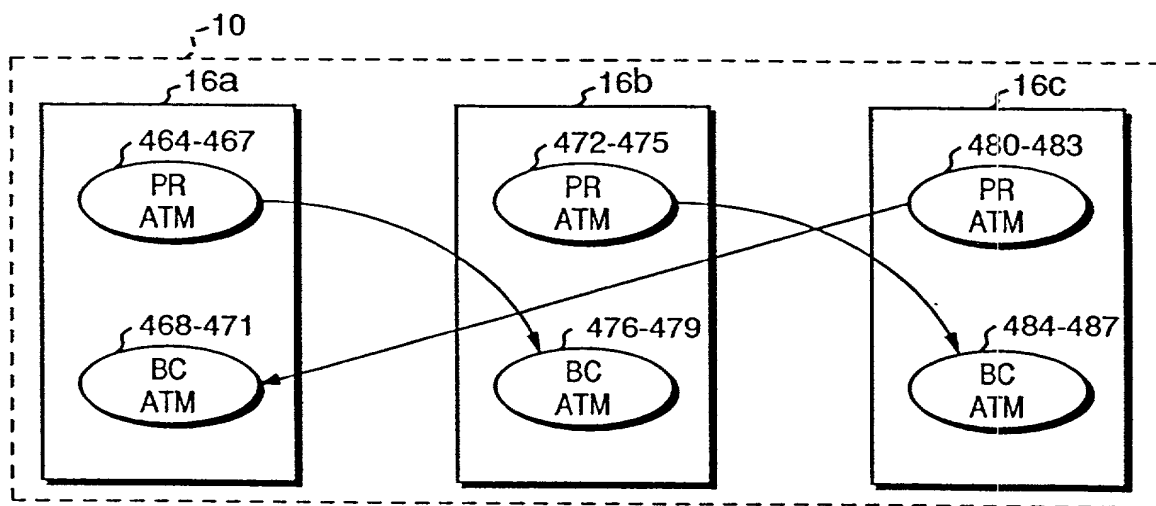


FIG. 31A

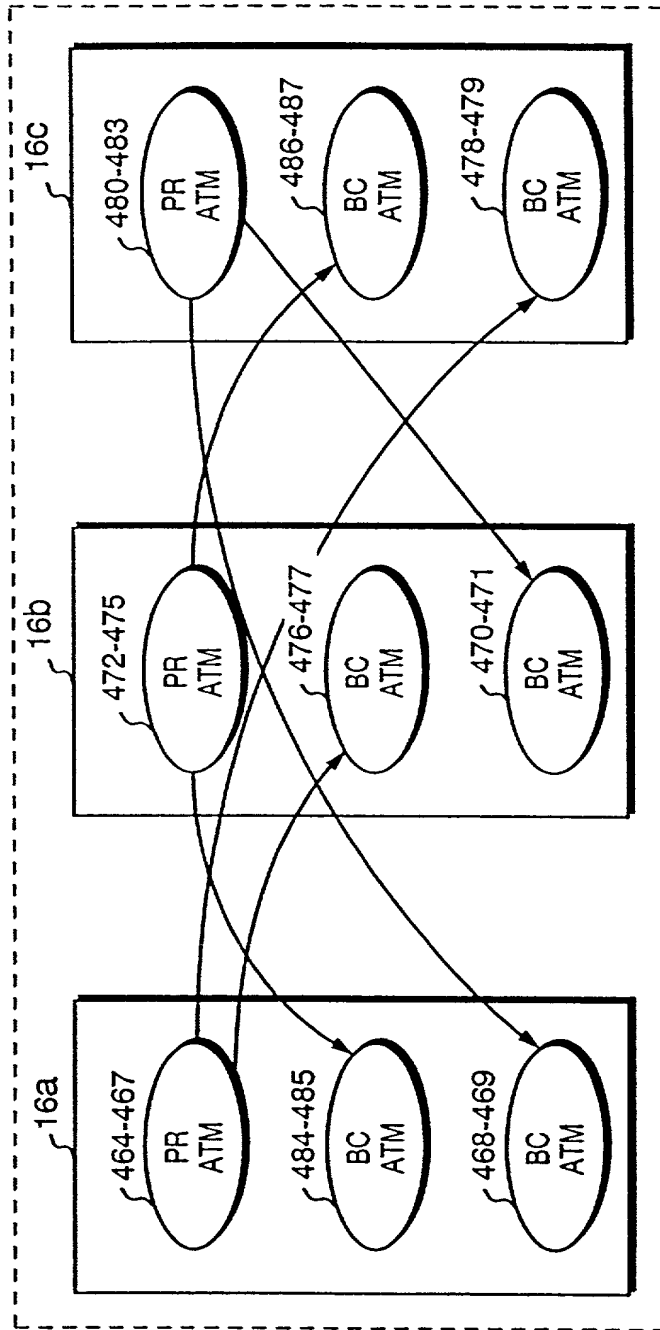


FIG. 32A

10/280' 92695260

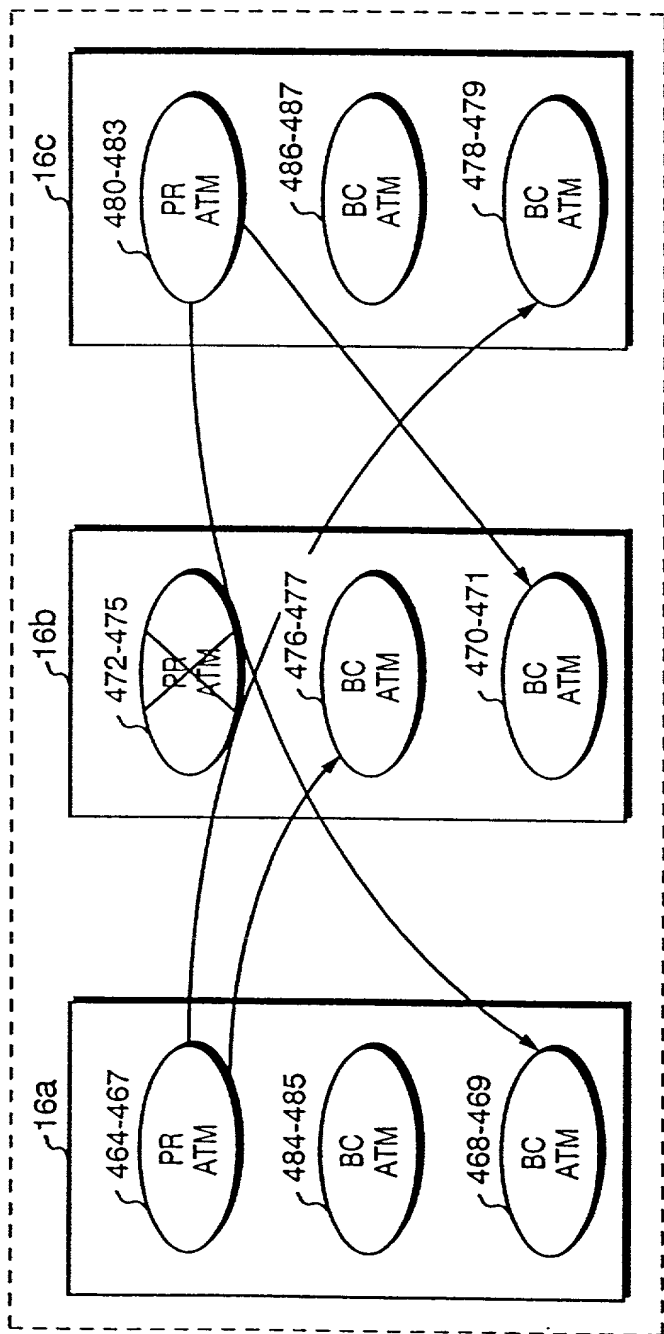


FIG. 32B

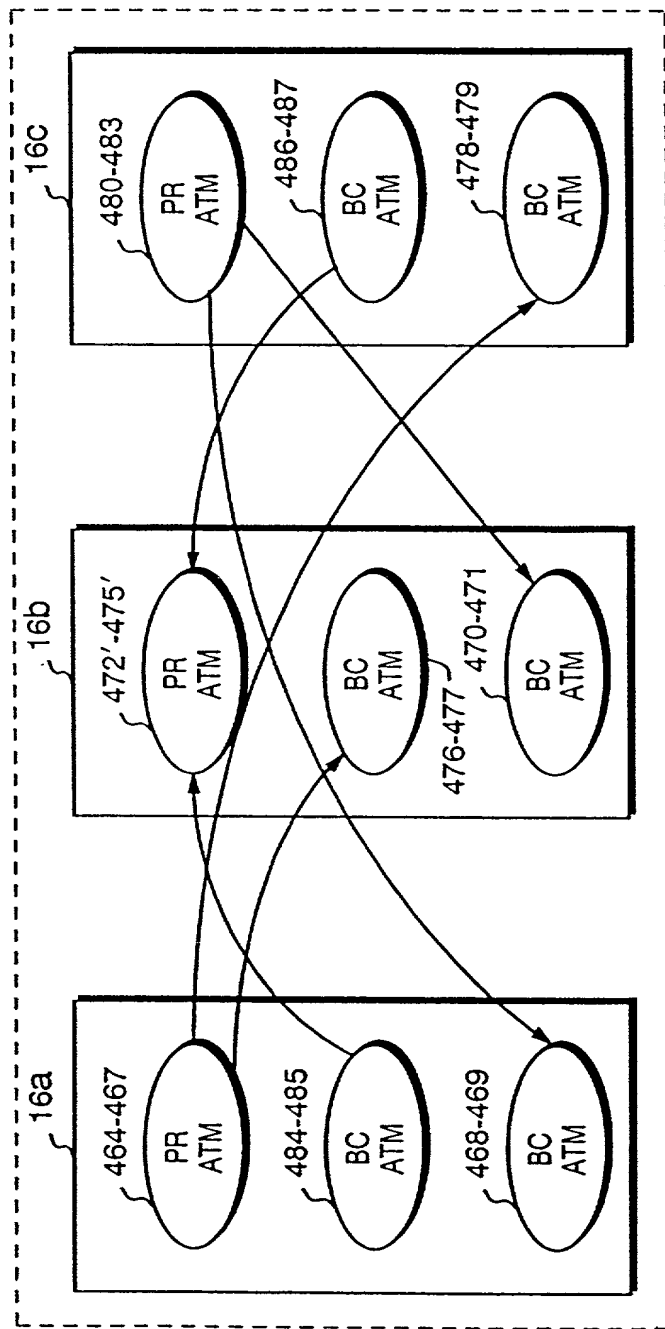


FIG. 32C

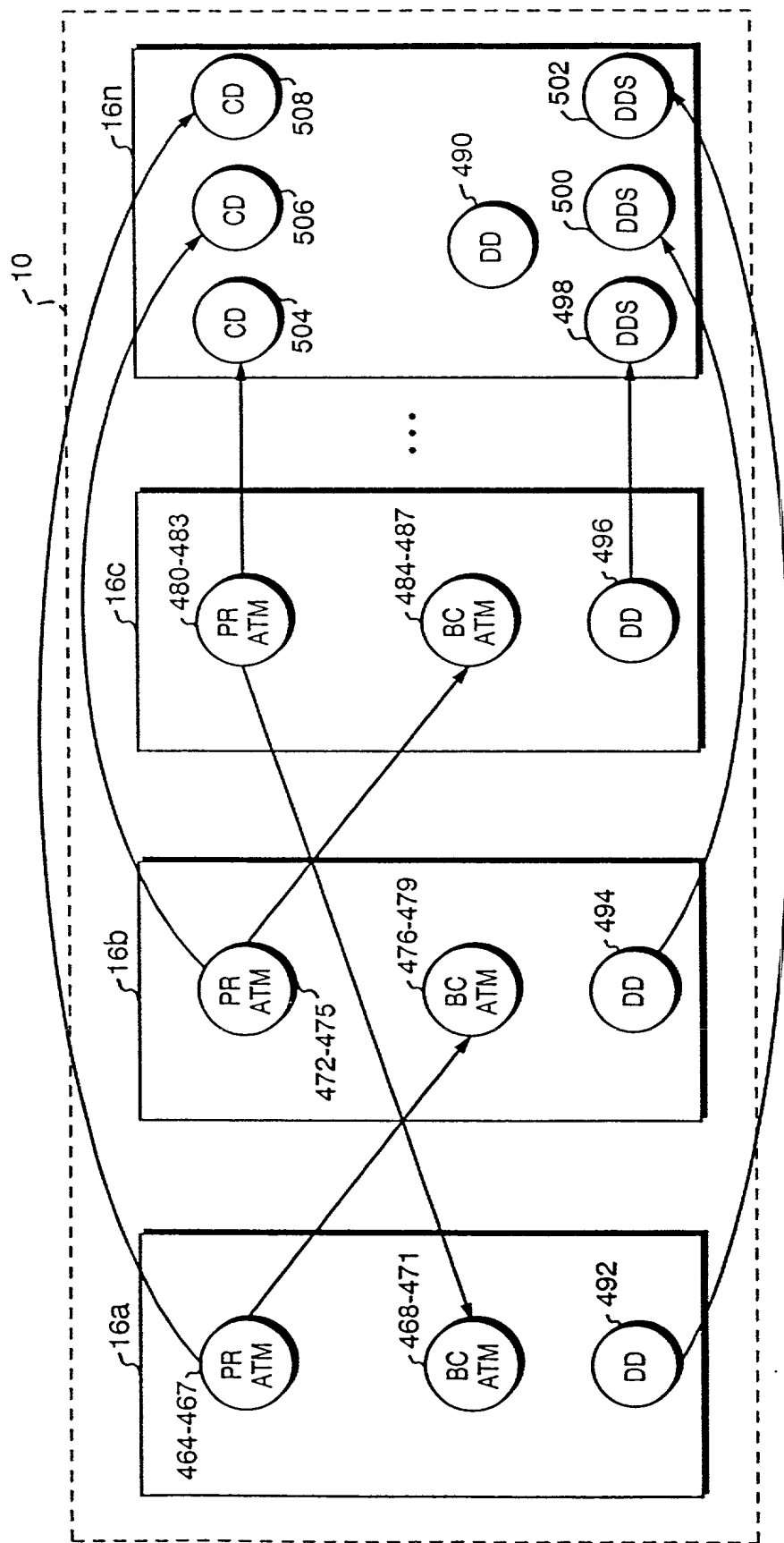


FIG. 33A

FO/2280" 92695260

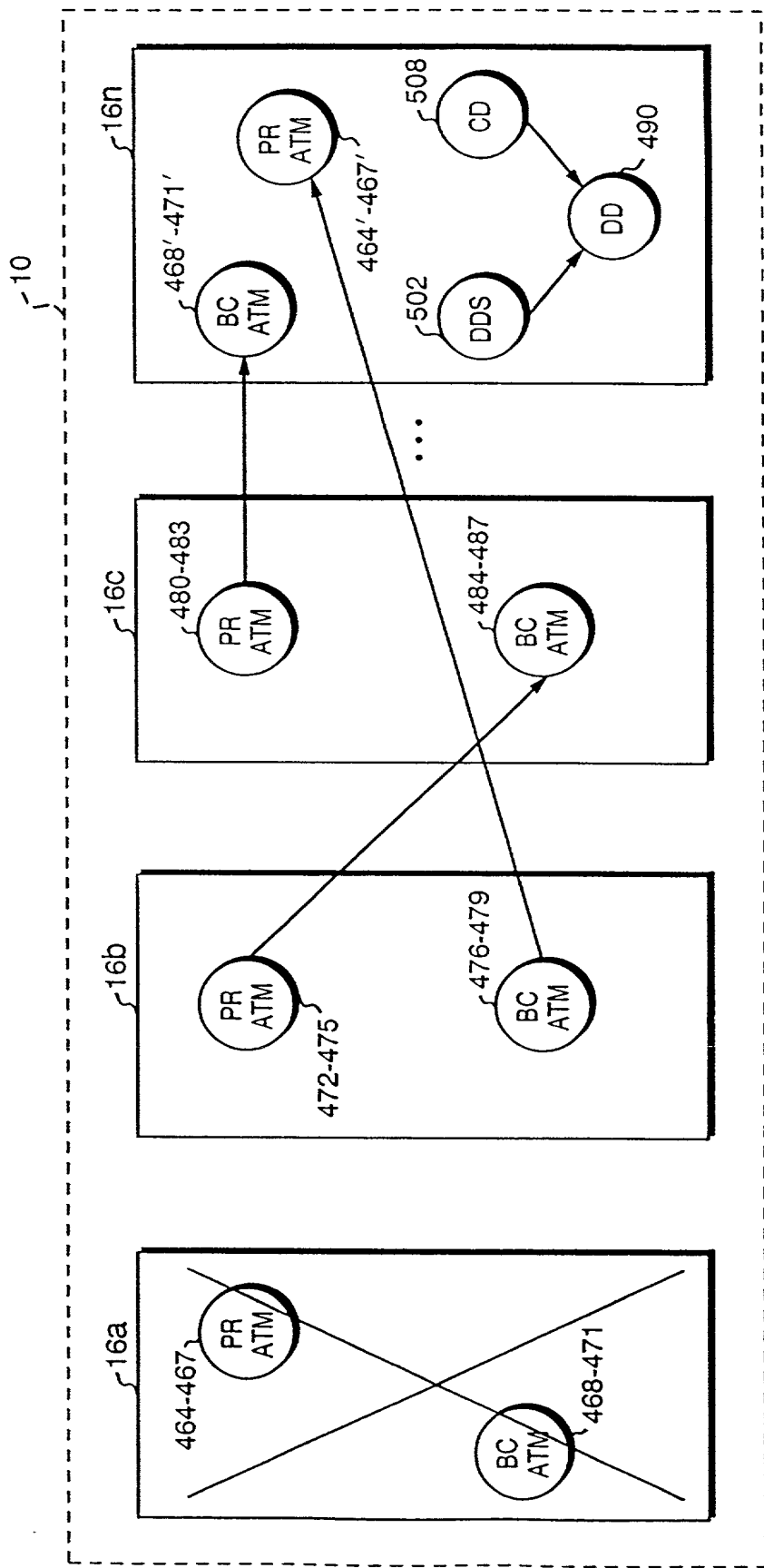


FIG. 33B

FIG. 33C

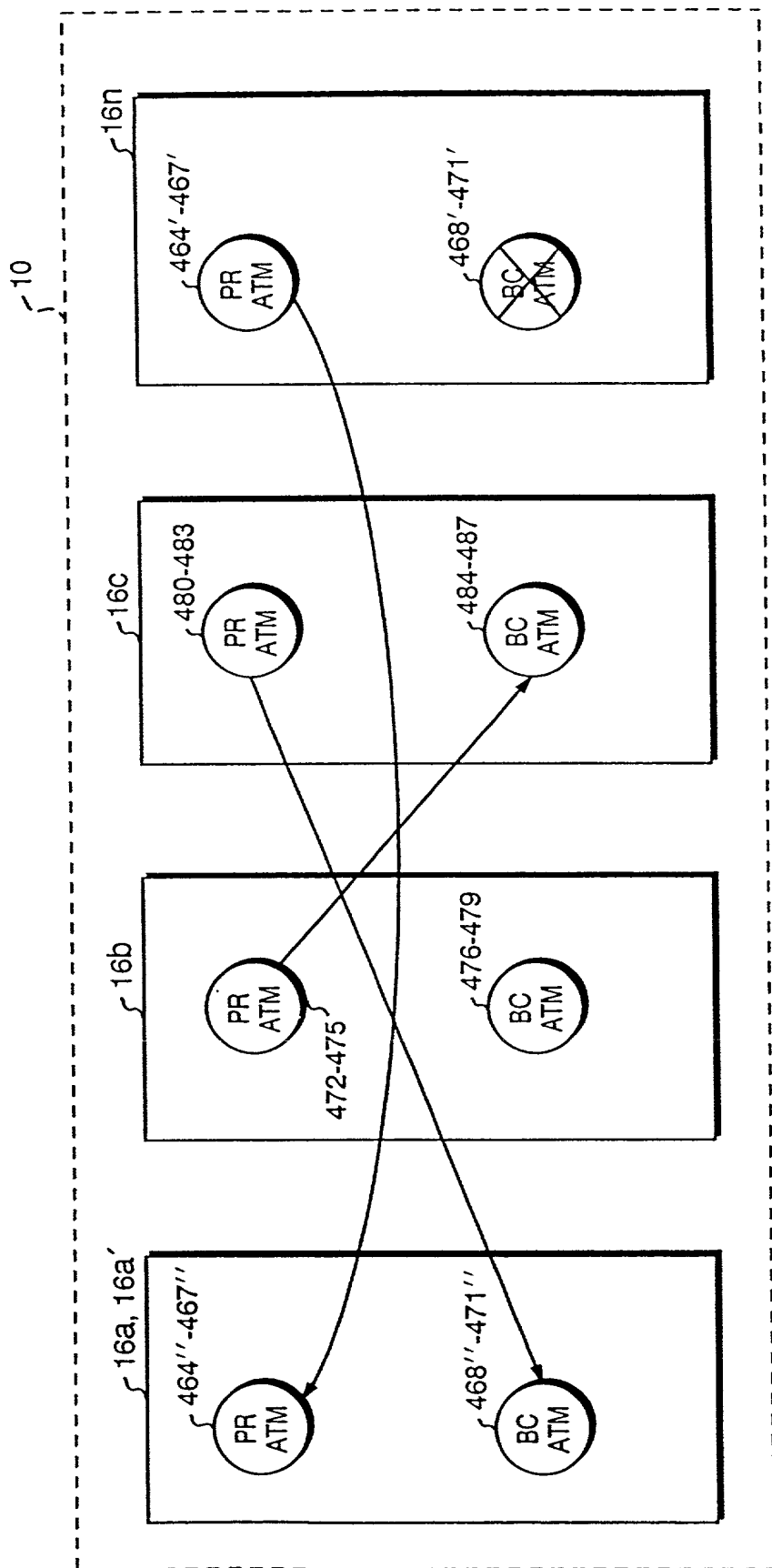


FIG. 33C

FIG. 33D

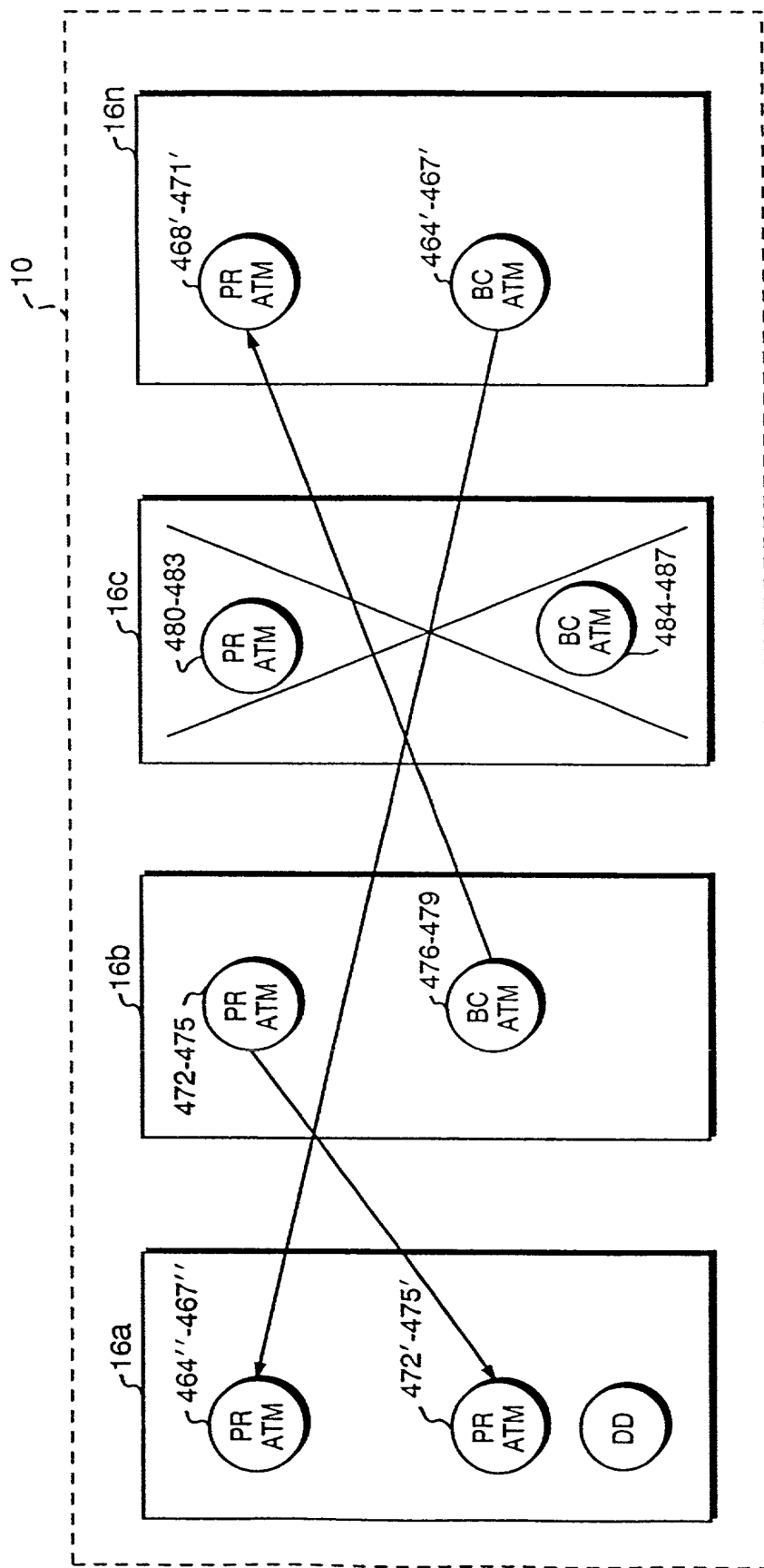


FIG. 33D

FIG. 34A

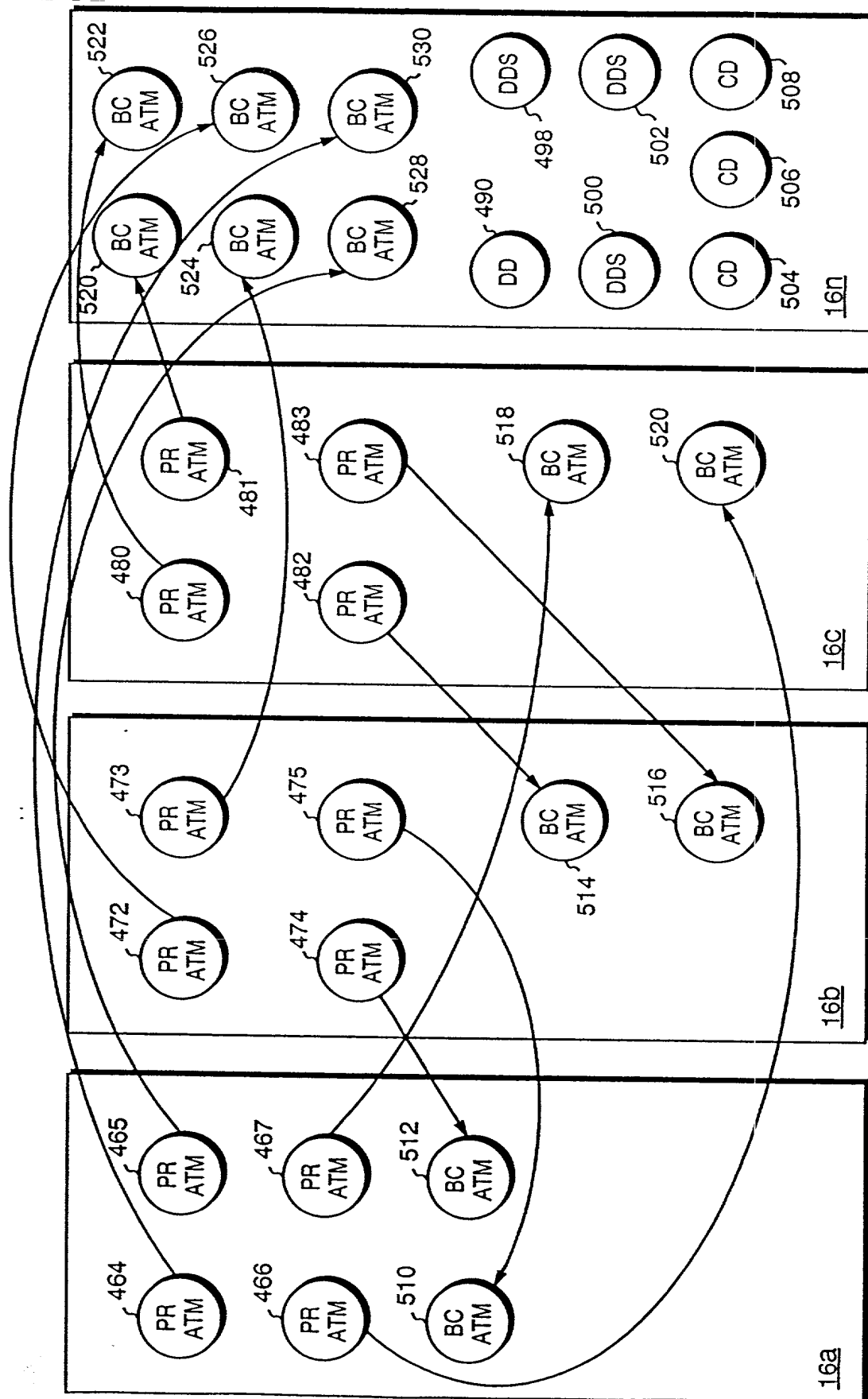


FIG. 34A

FIG. 34B

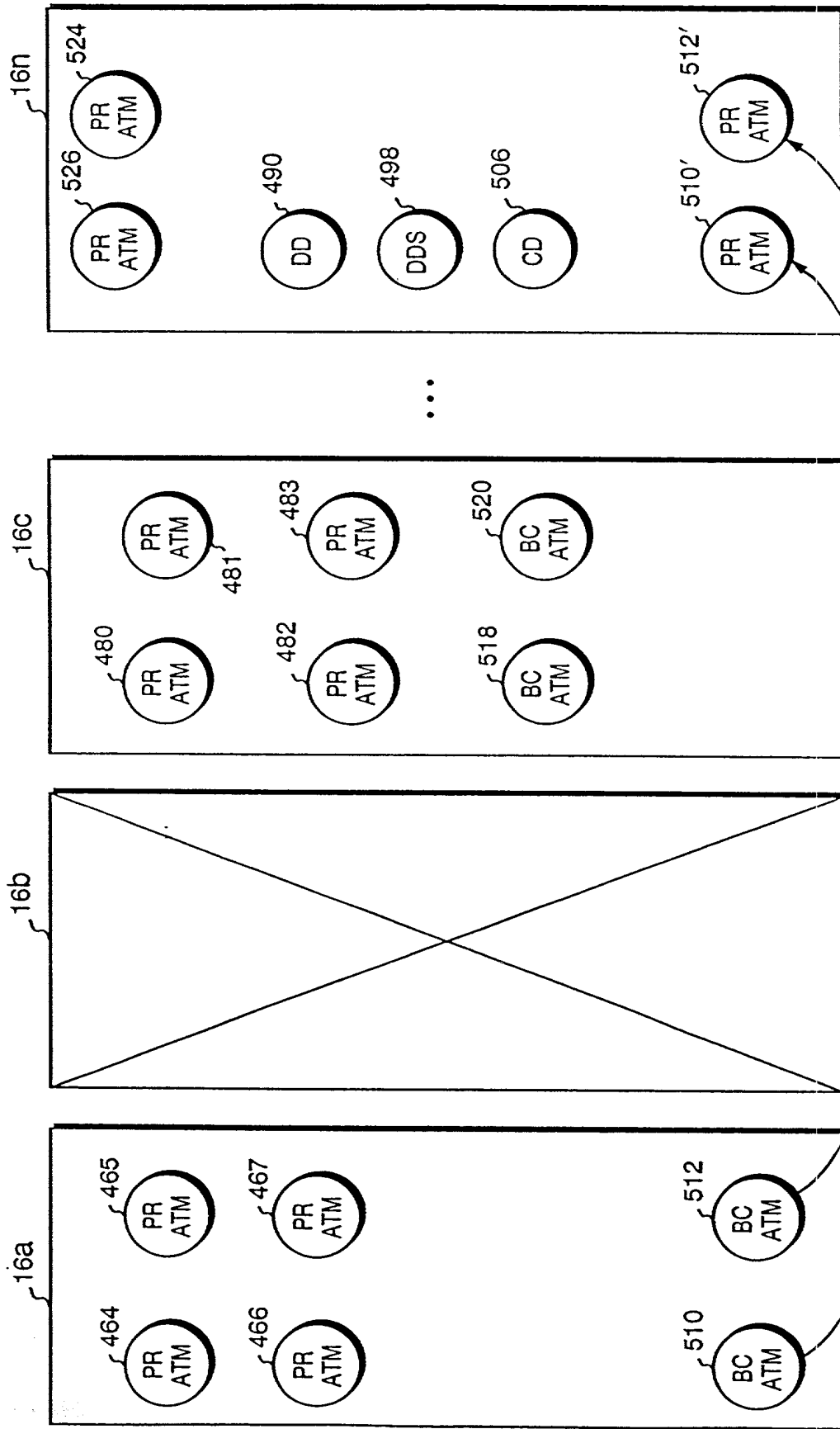


FIG. 34B

FIG. 35A

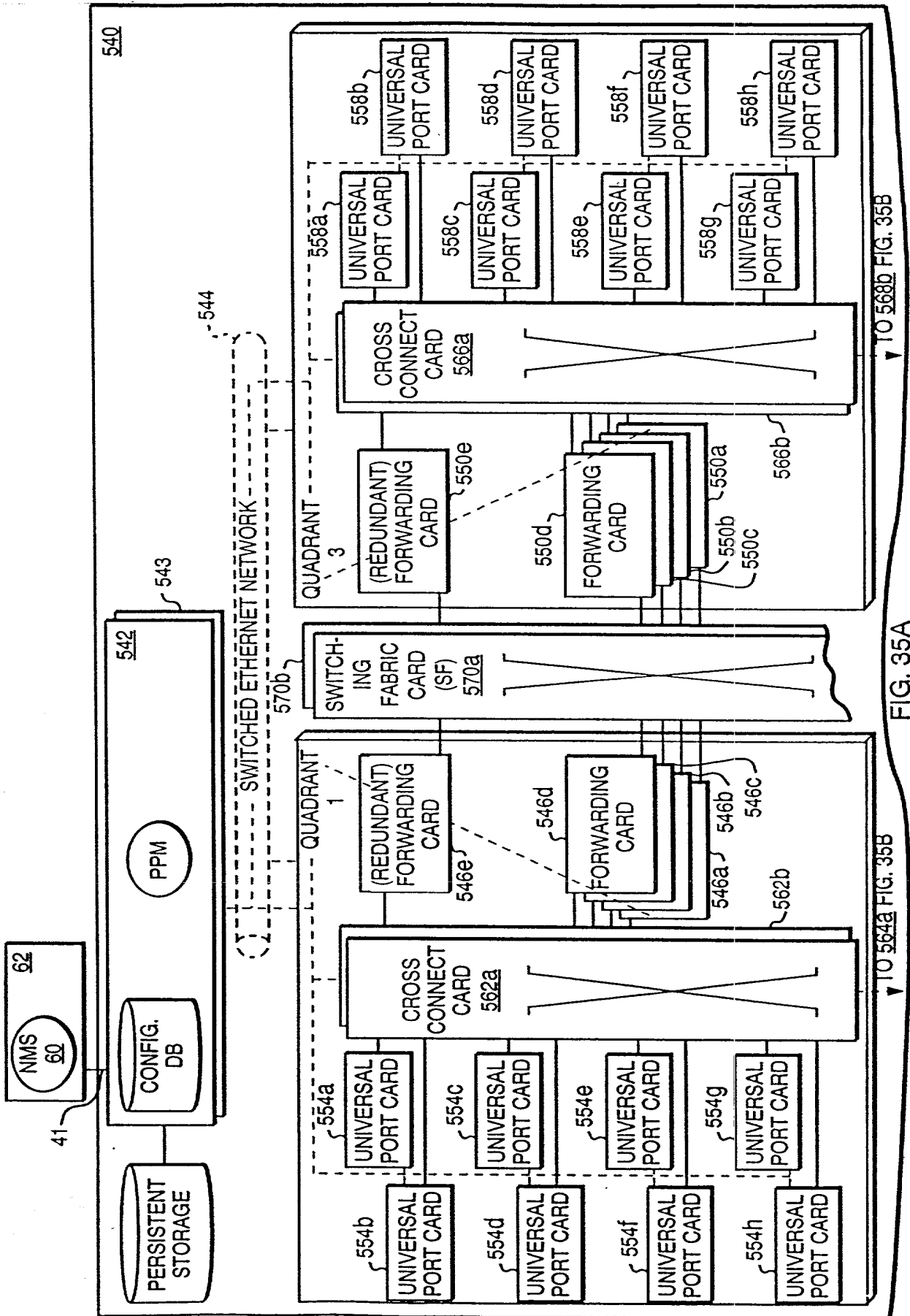


FIG. 35A

TO 568b FIG. 35B

TO 564a FIG. 35B

FIG. 35A

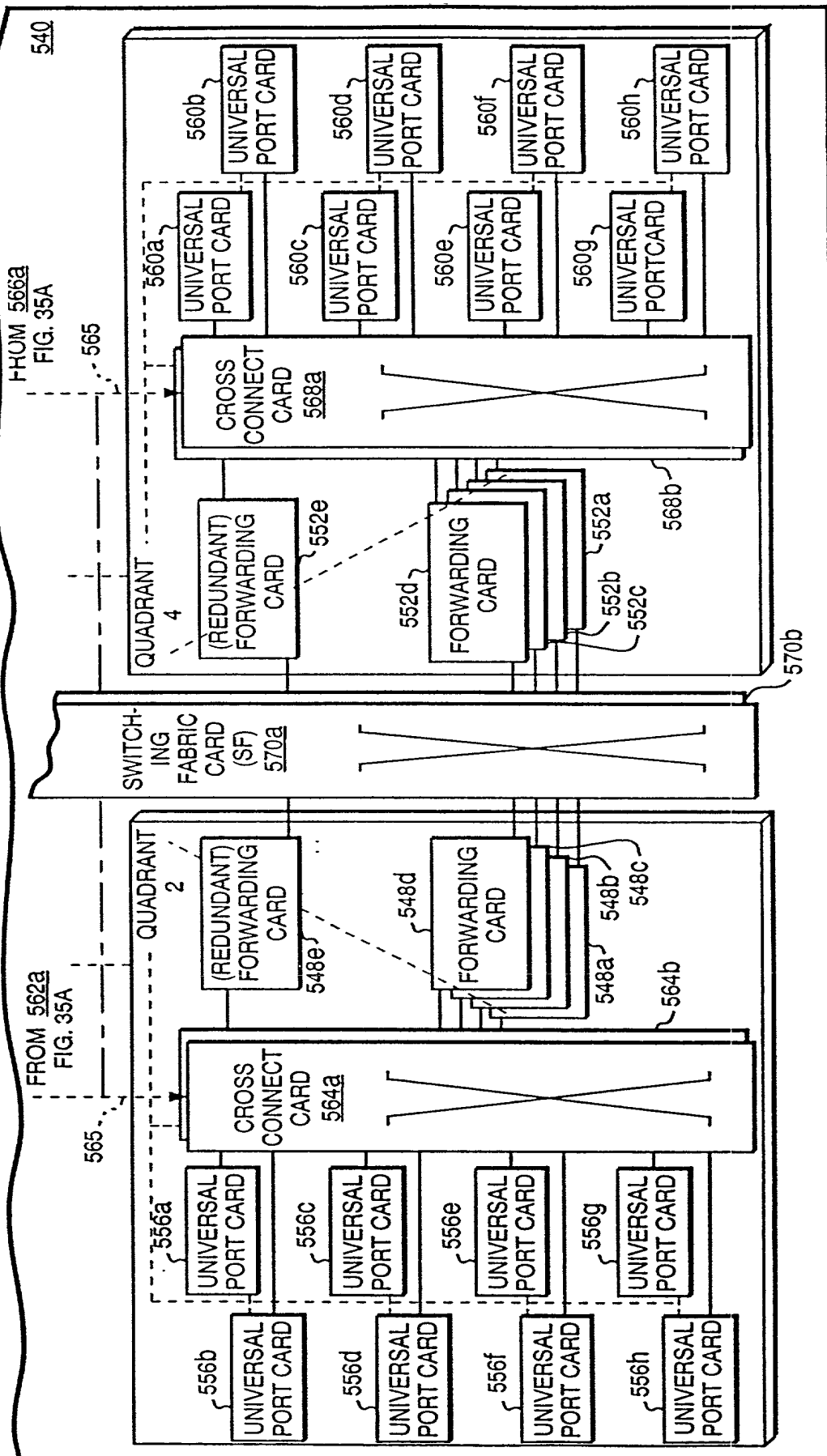


FIG. 35B

FIG. 36A

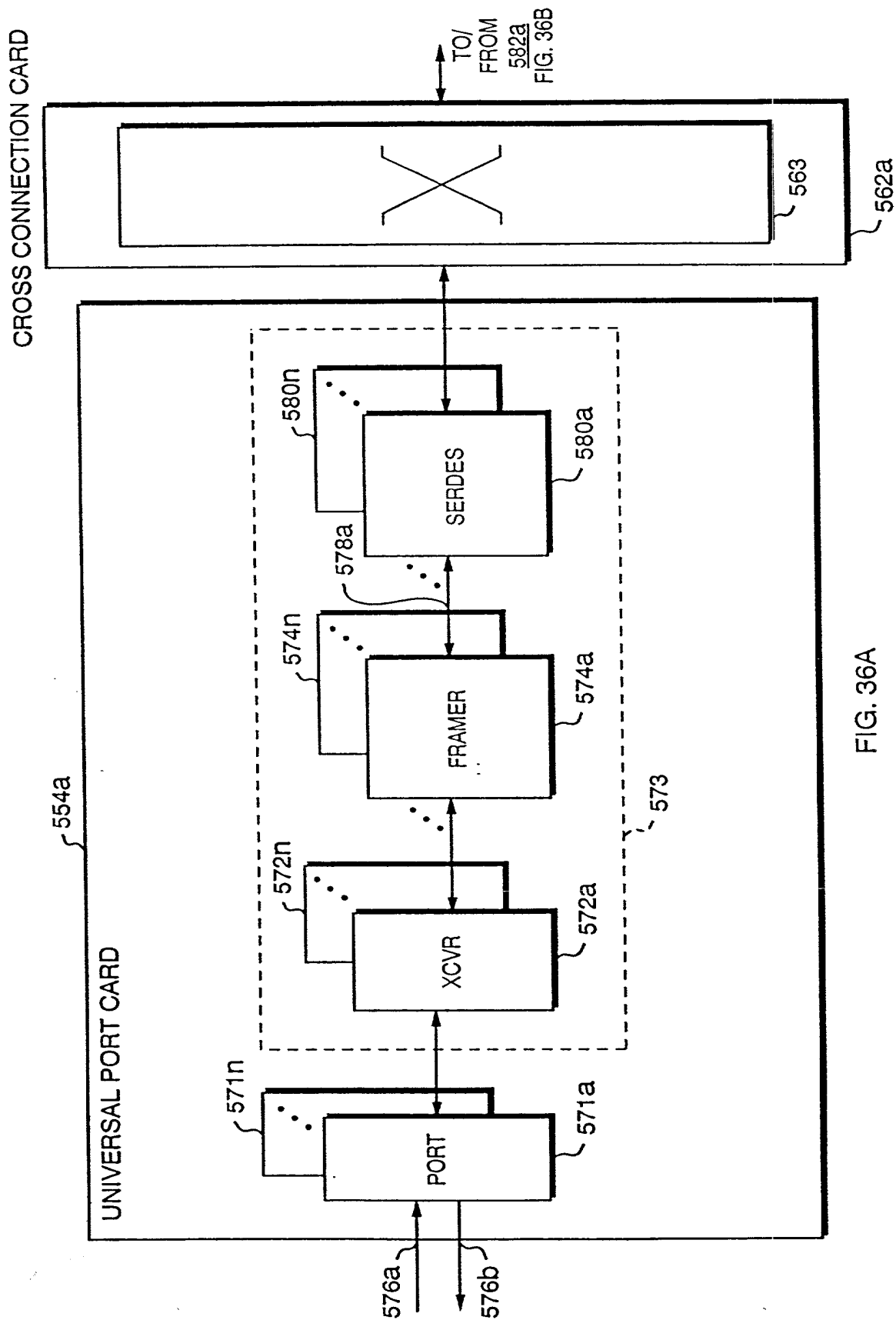


FIG. 36A

FIG. 36B

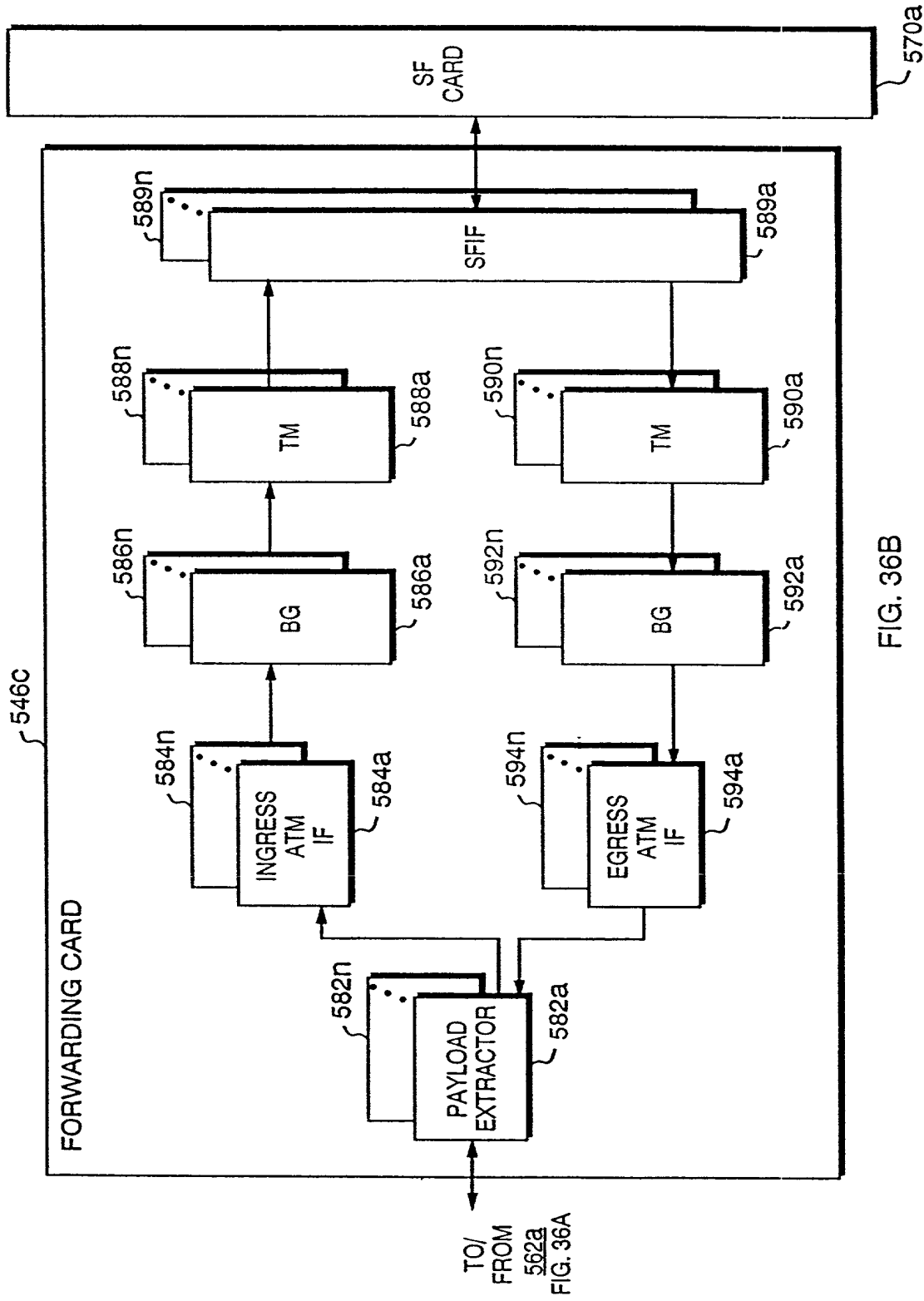


FIG. 37

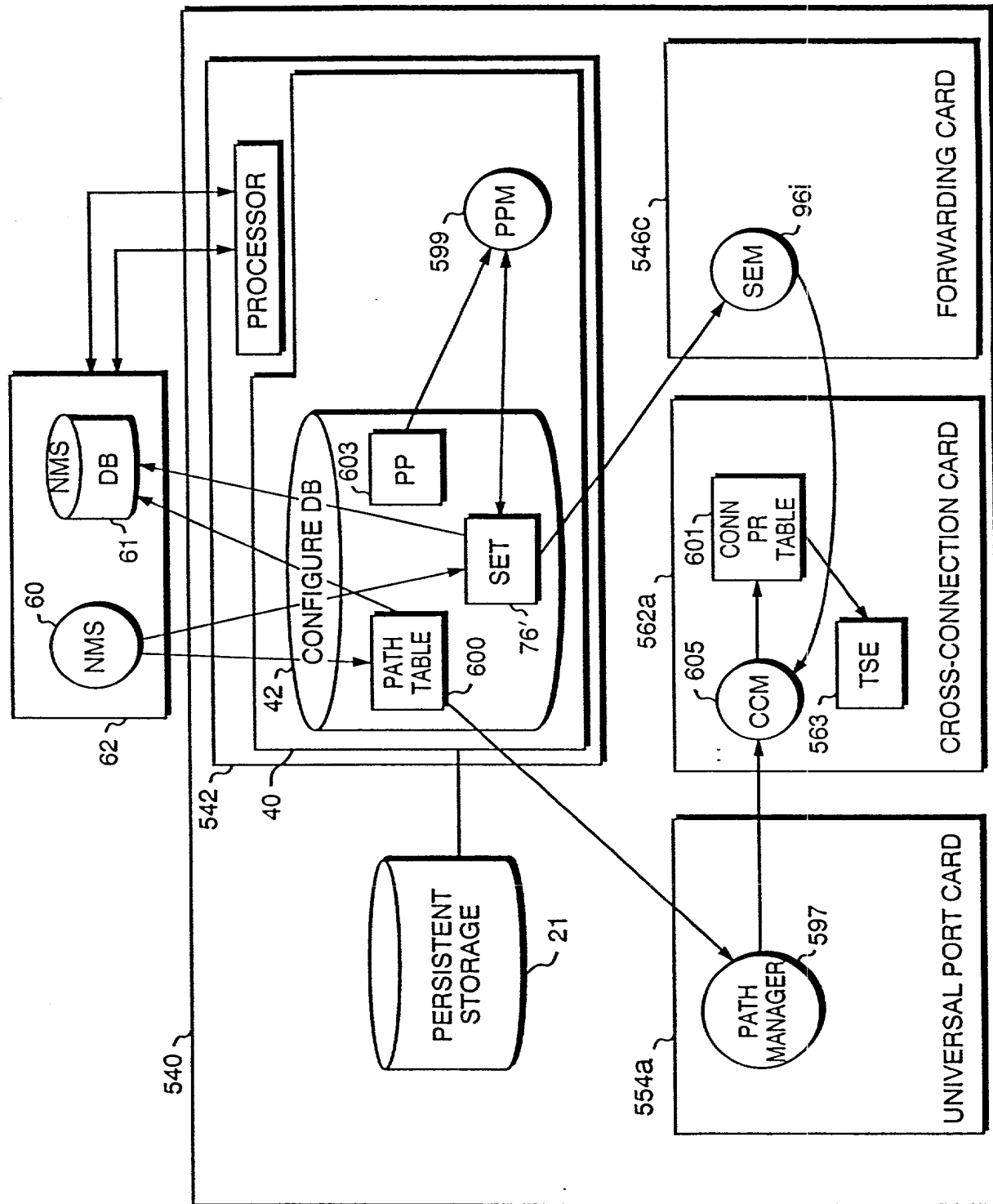


FIG. 37

PATH TABLE 600

602

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
⋮	⋮	⋮	⋮	⋮

FIG. 38

SERVICE END POINT TABLE 76'

		{ 606		{ 608		{ 610	
SE #		Q #	FC LID	FC SLICE	FC TIME SLOT	PATH PID	...
878		1				1666	
.	
:		:	:	:	:	:	:
.	

FIG. 39

FIG. 40

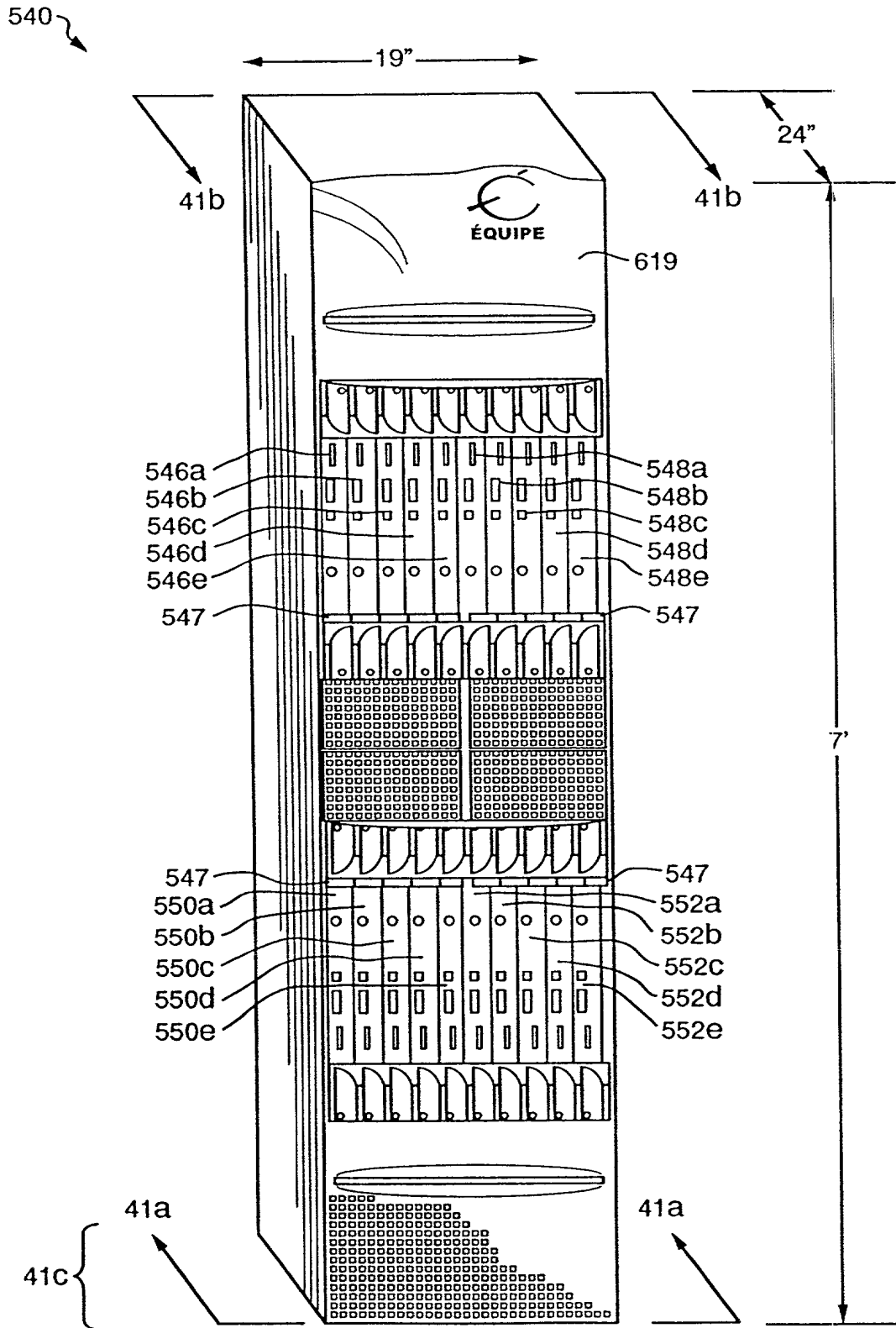


FIG. 40

102689-67

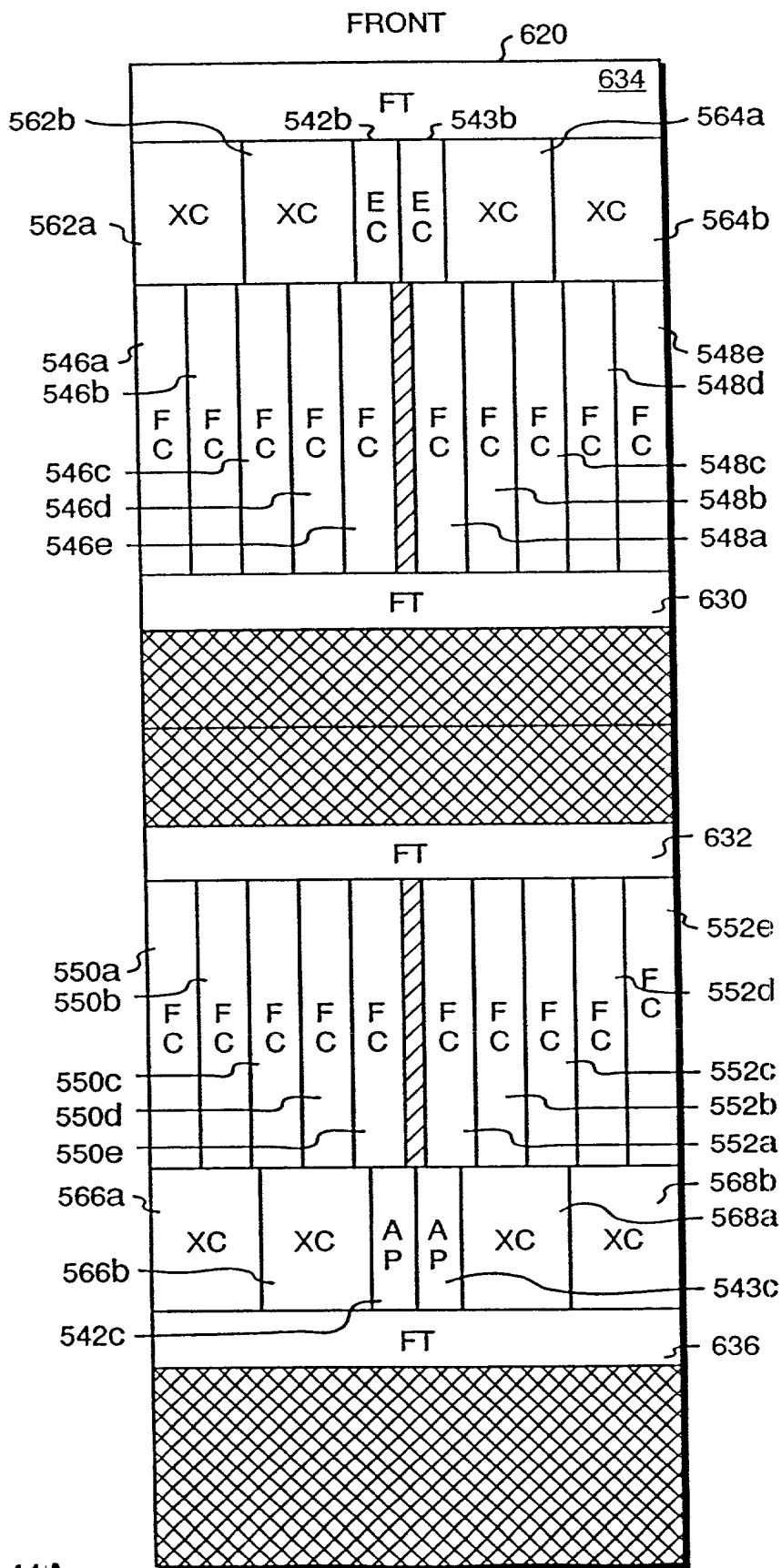


FIG. 41A

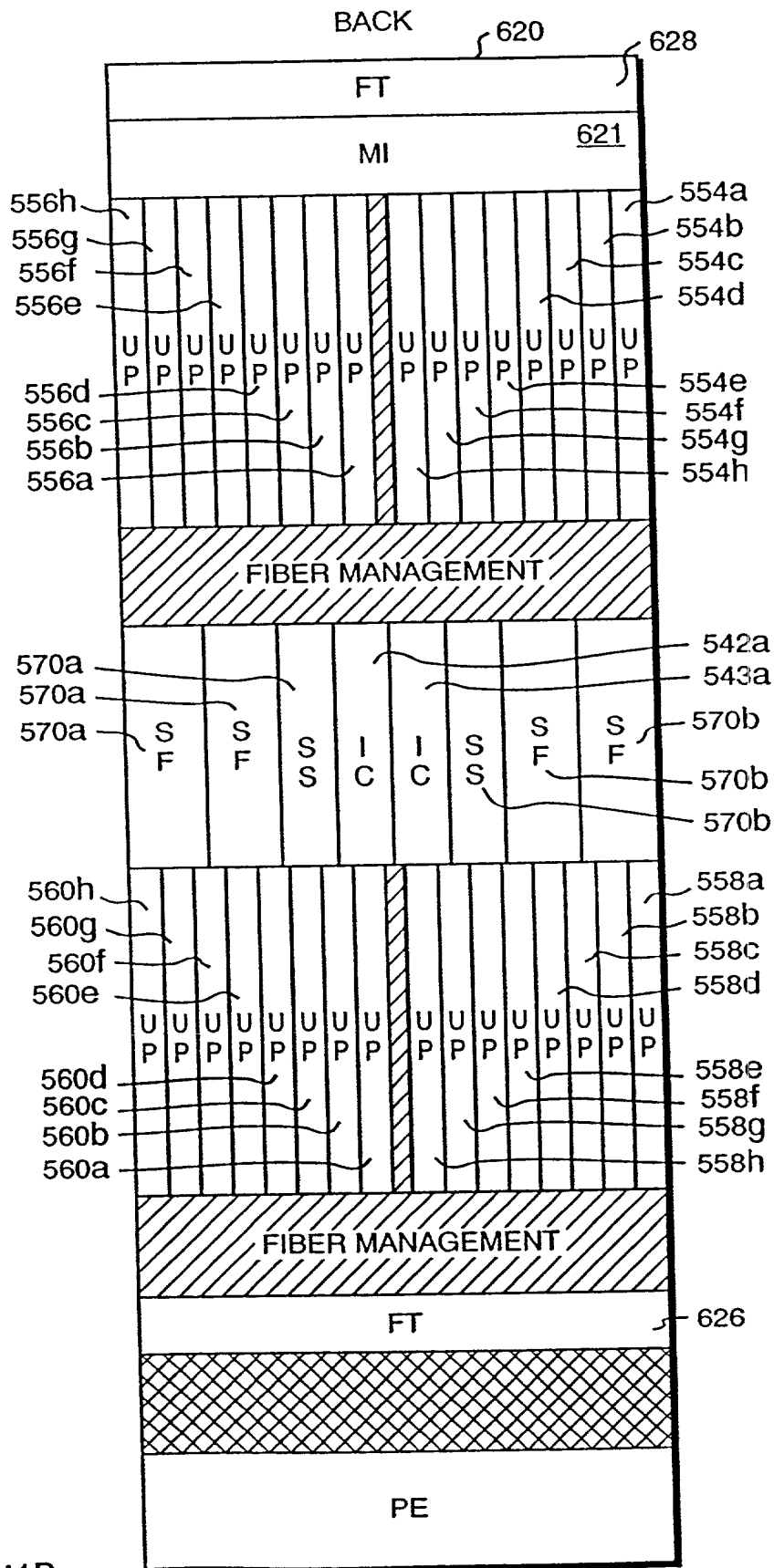


FIG. 41B

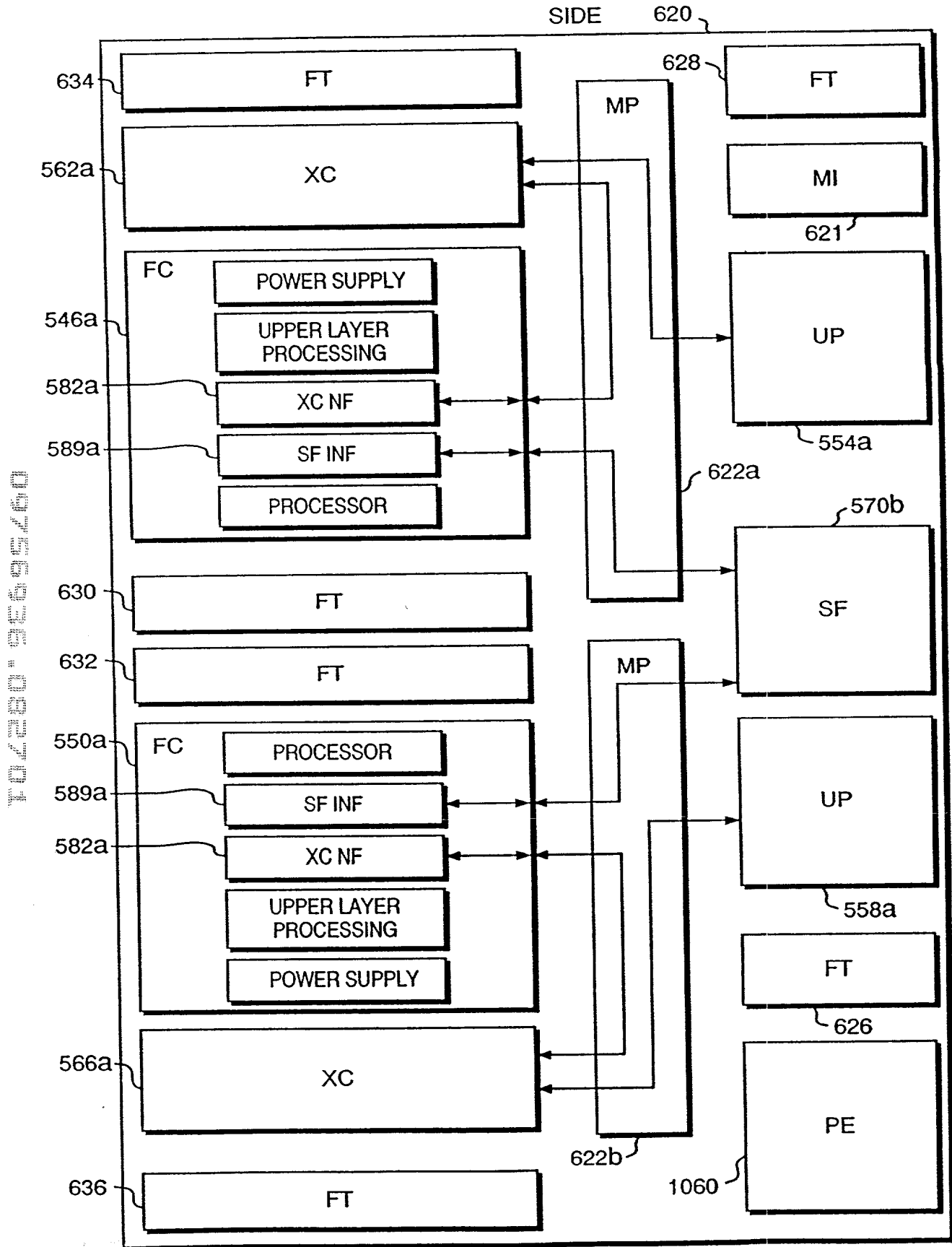


FIG. 41C

FIG. 42A

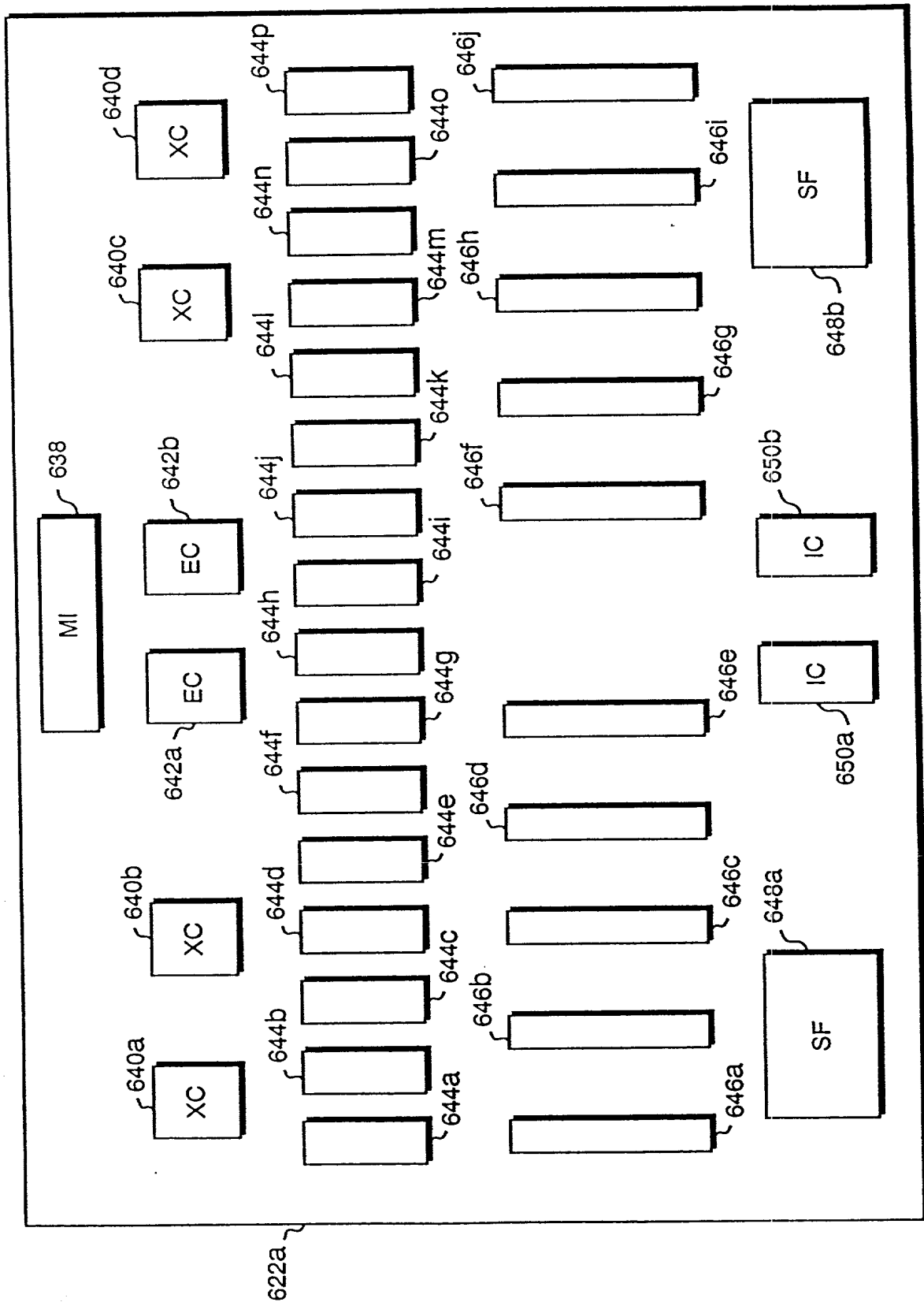


FIG. 42A

FOCUS 9695260

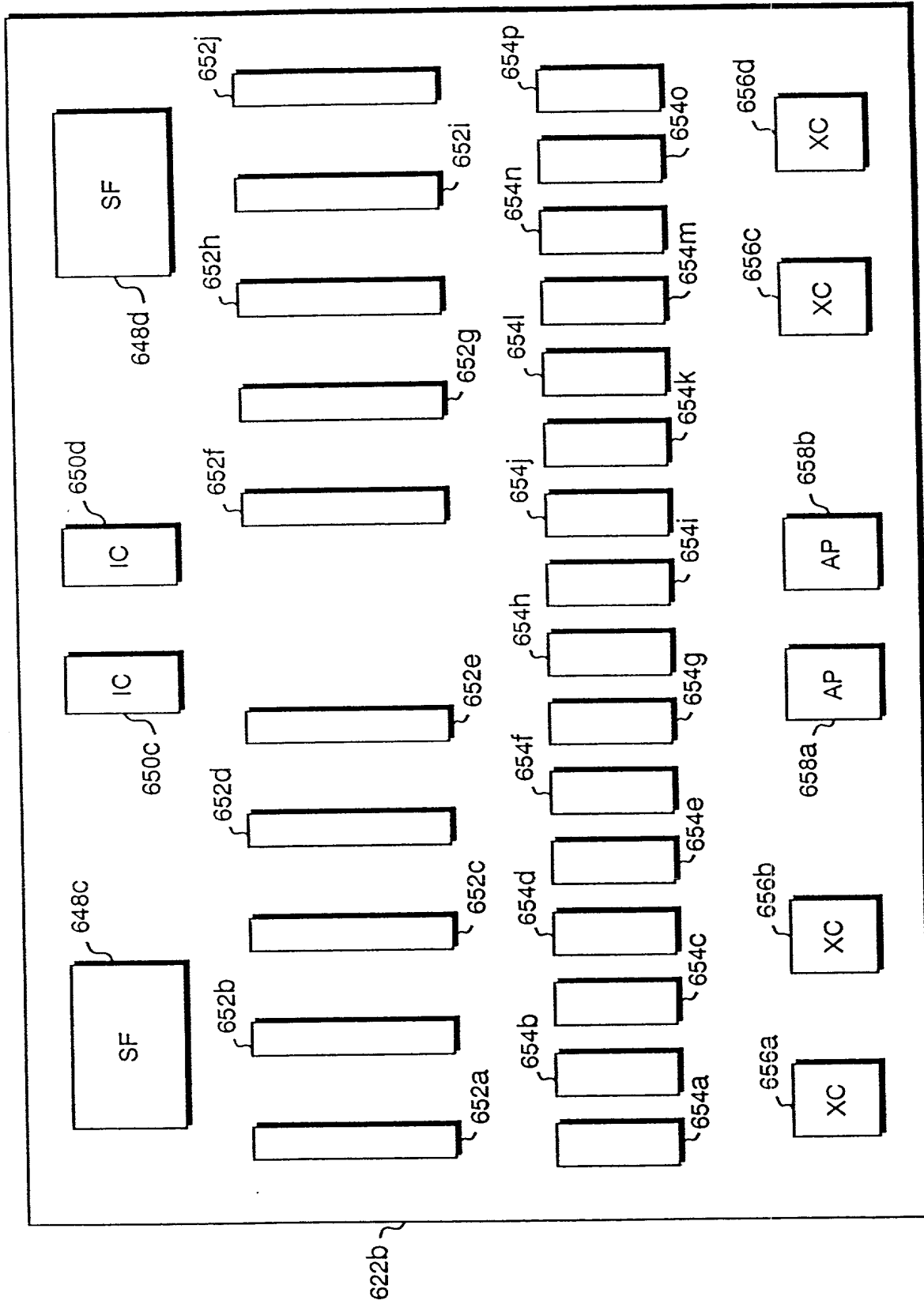


FIG. 42B

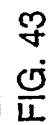


FIG. 43

FIG. 44

640

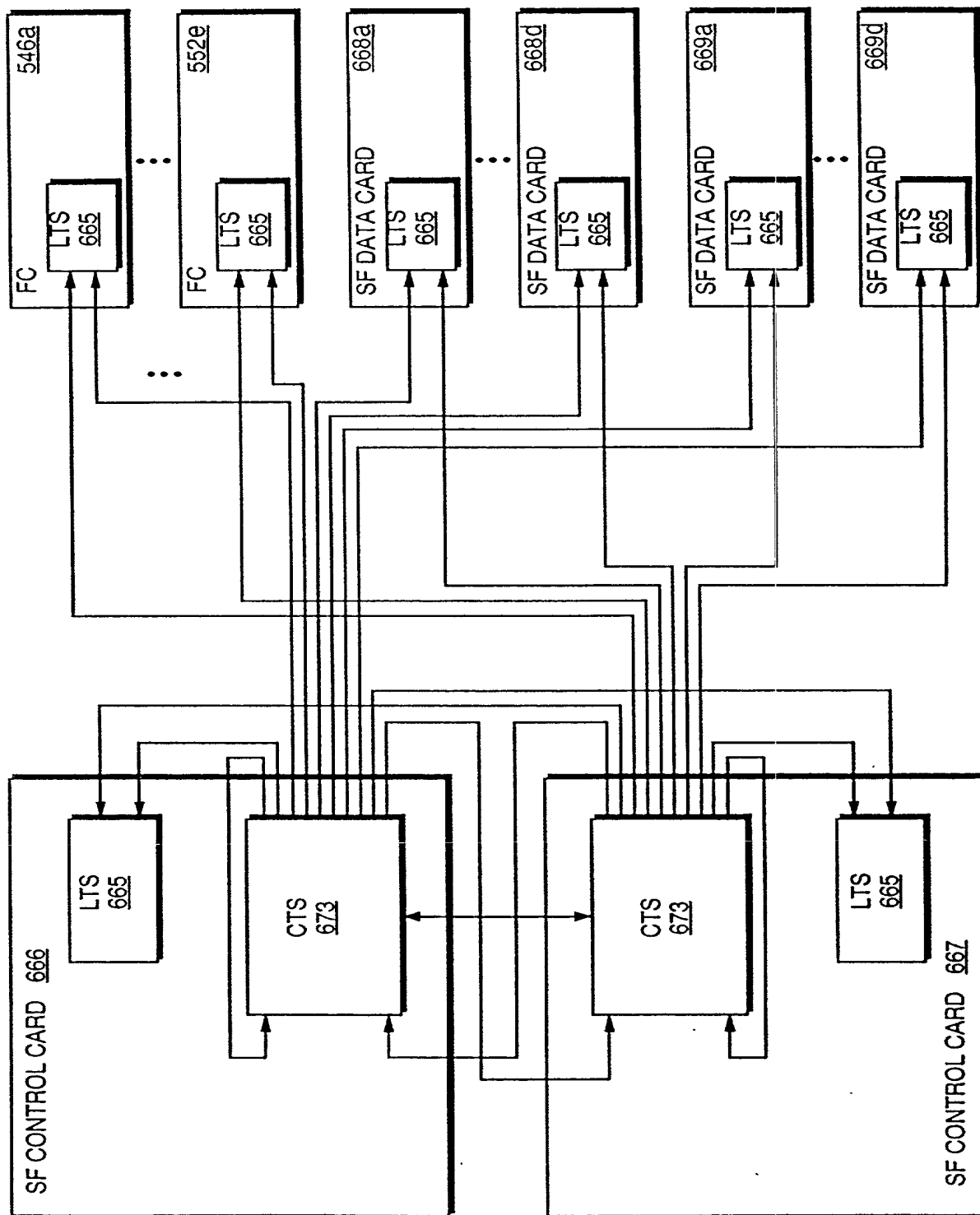


FIG. 44

TO 220" 26695/60

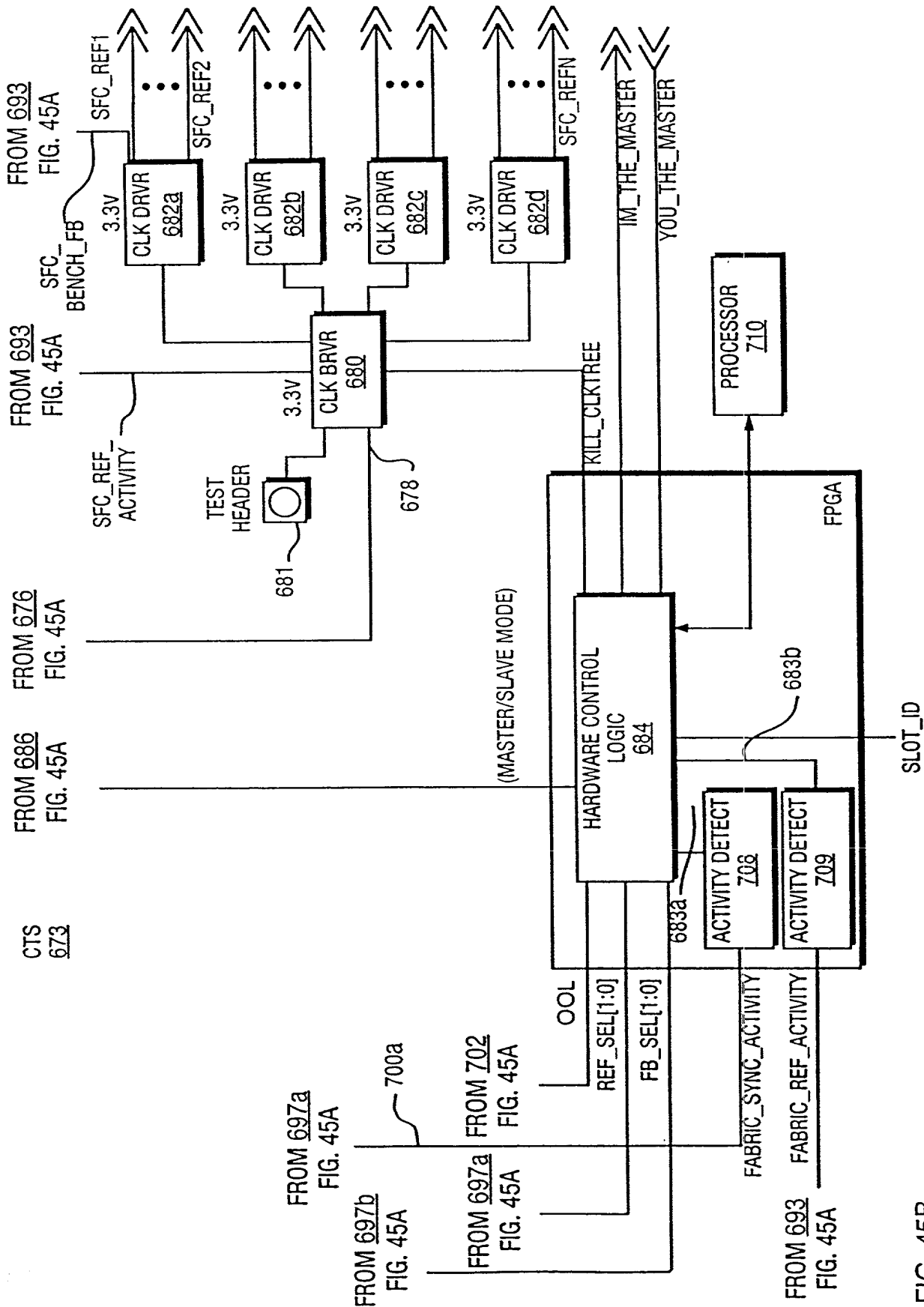


FIG. 45B

TO 220" 9E695460

CTS
673

TO 682a
FIG. 45B

TO 680
FIG. 45B

TO 709
FIG. 45B

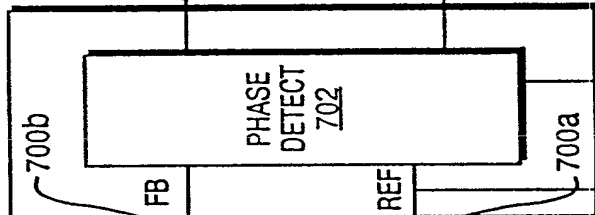
TO 684
FIG. 45B

SFC_BENCH_FB

SFC_REF_ACTIVITY

FABRIC_REF_ACTIVITY

3.3V



(MASTER/SLAVE MODE)

FABRIC_SYNC
_ACTIVITY

00L

TO 684
FIG. 45B

TO 708
FIG. 45B

TO 684
FIG. 45B

REF_SEL[1:0]

FB_SEL[1:0]

FIG. 45A

FIG. 46

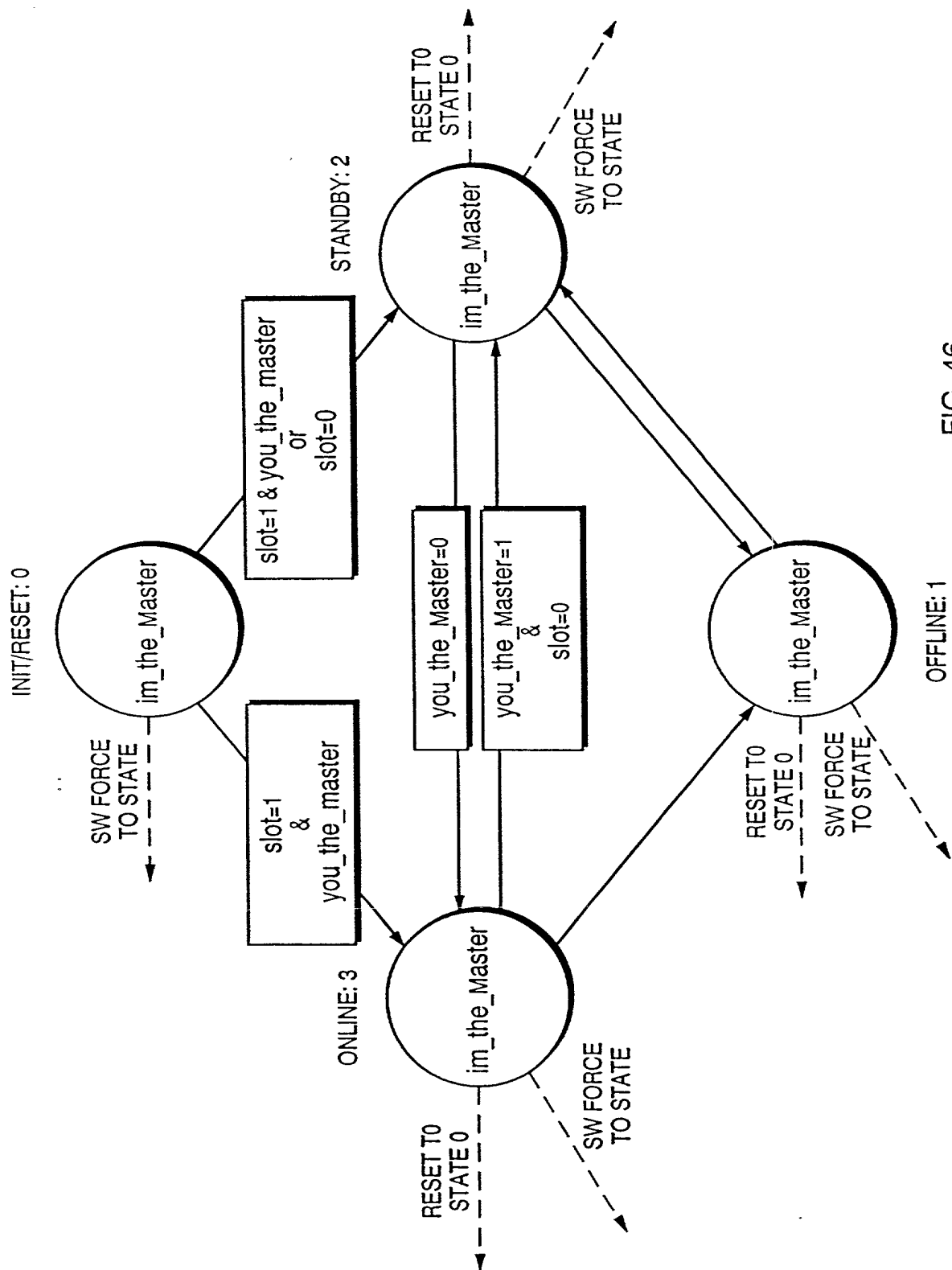


FIG. 46

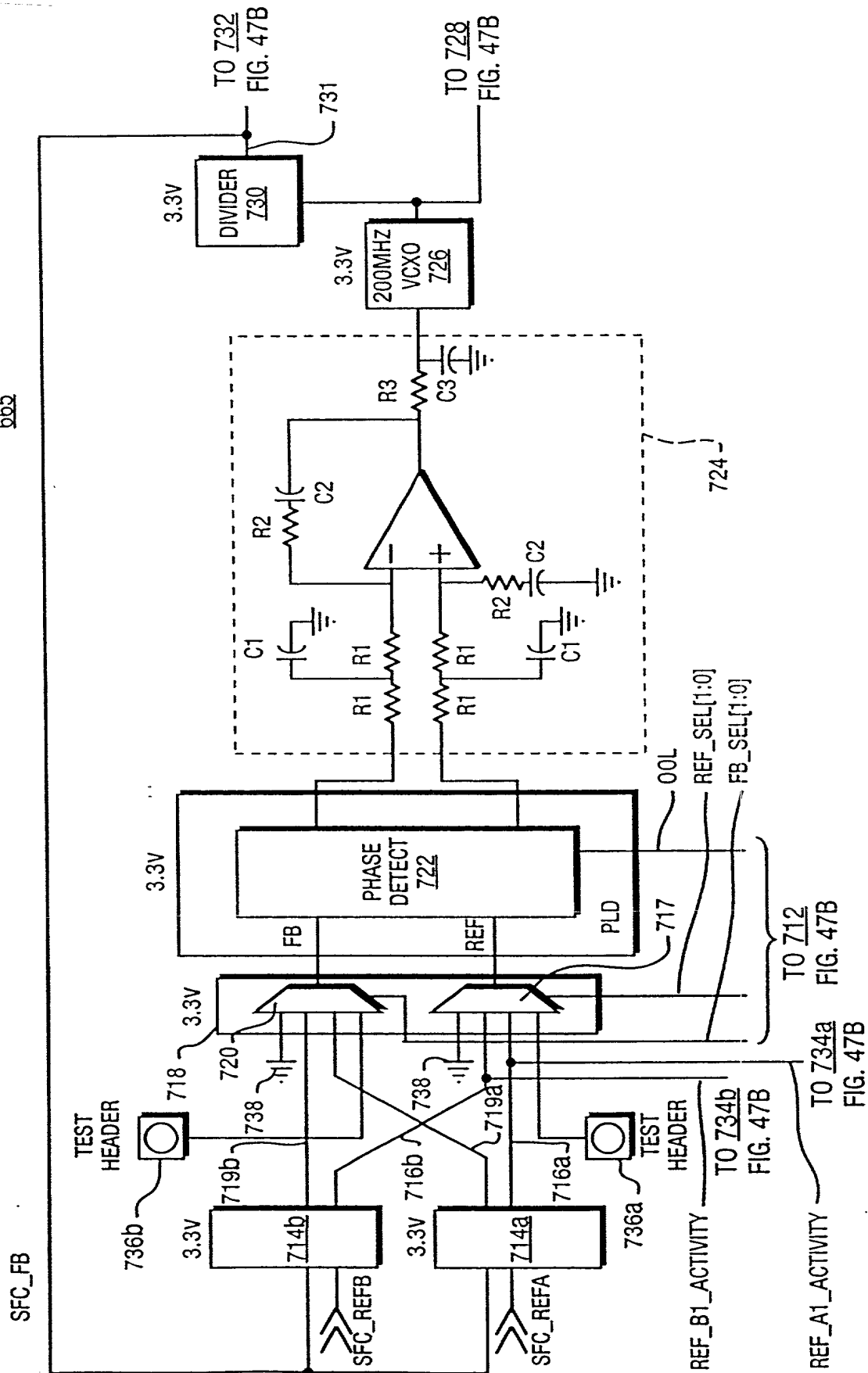


FIG. 47A

FIG. 47B

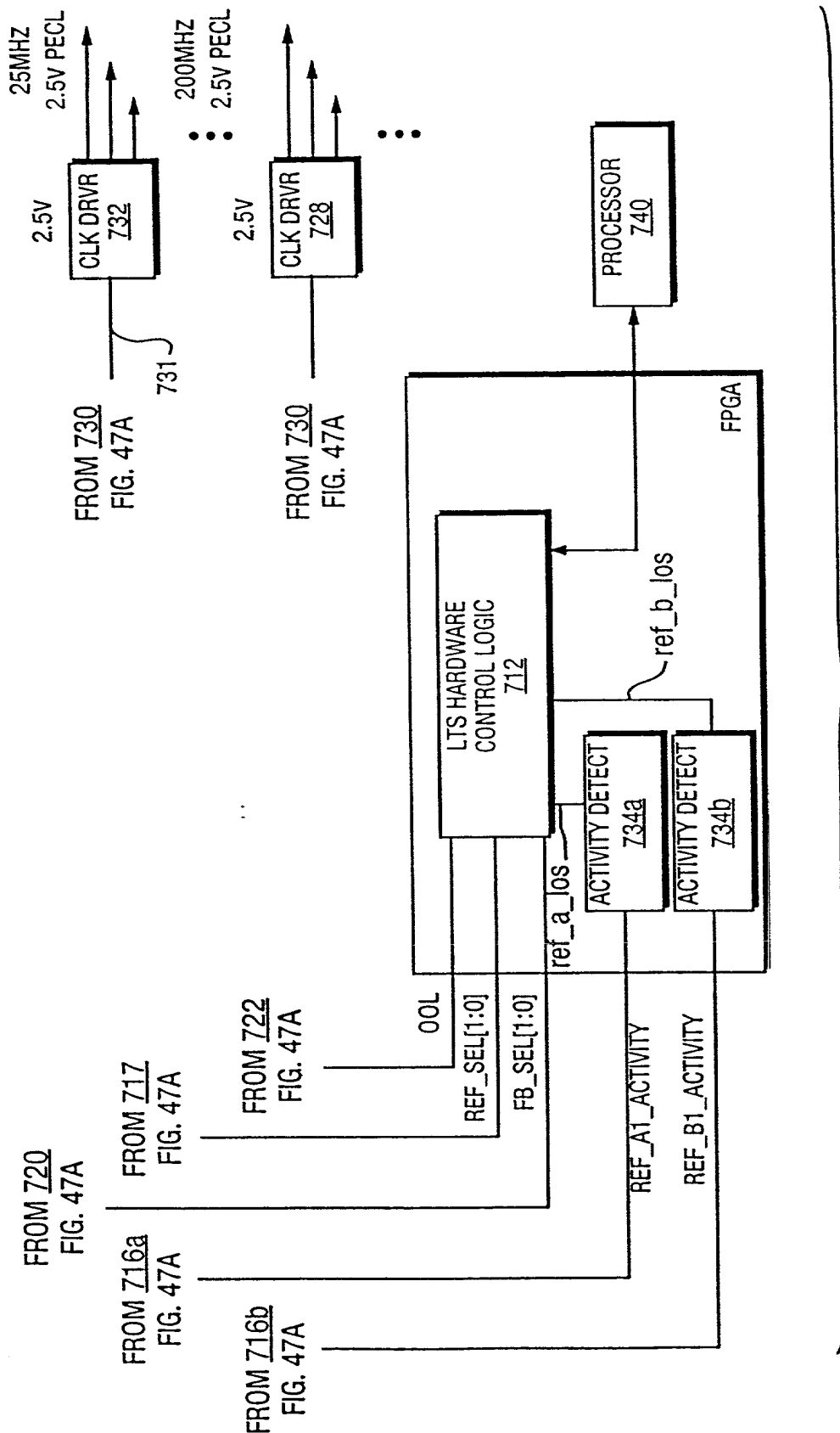


FIG. 47B

10/23/00 9:26:52 AM

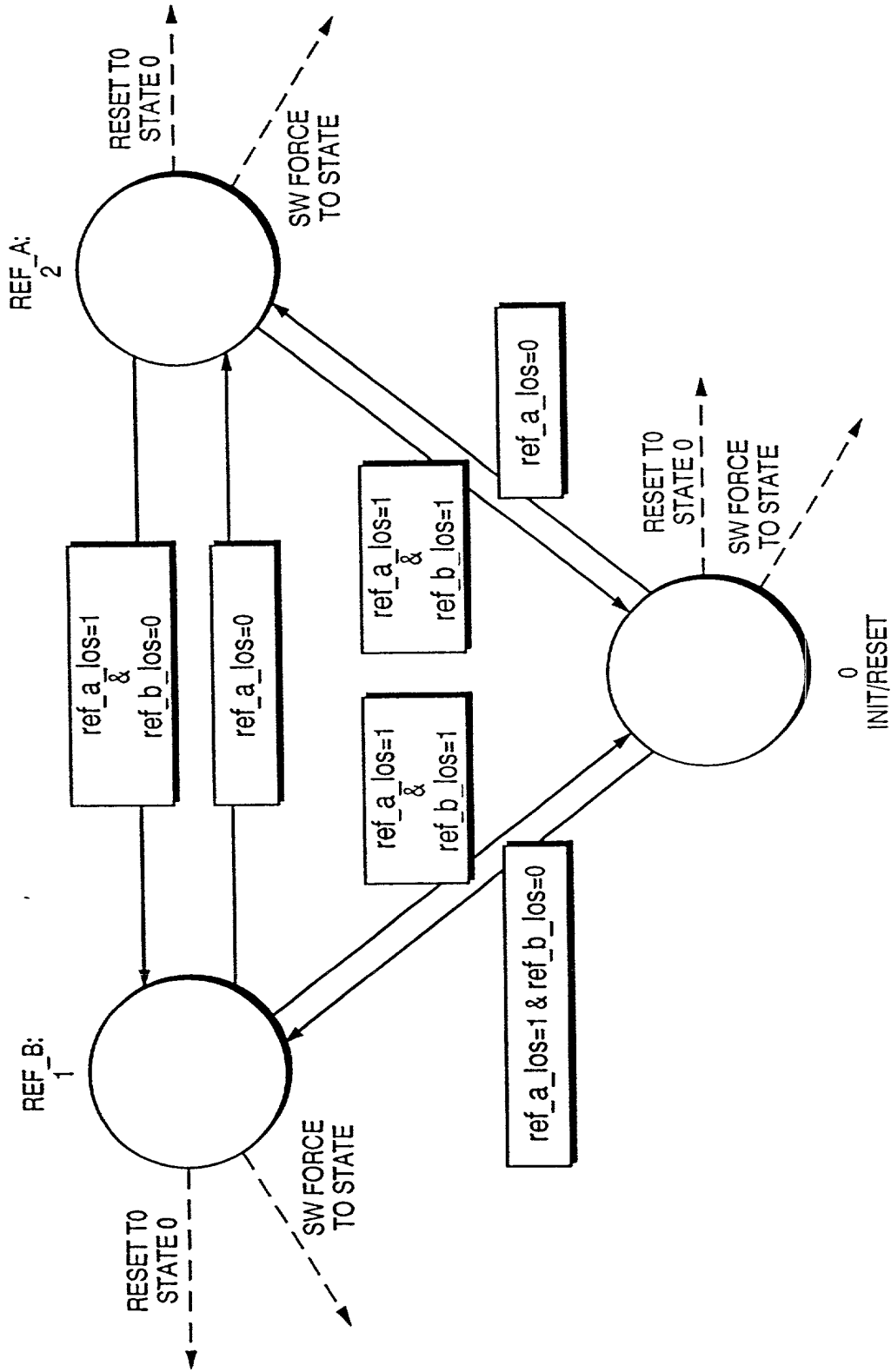


FIG. 48

FIG. 49

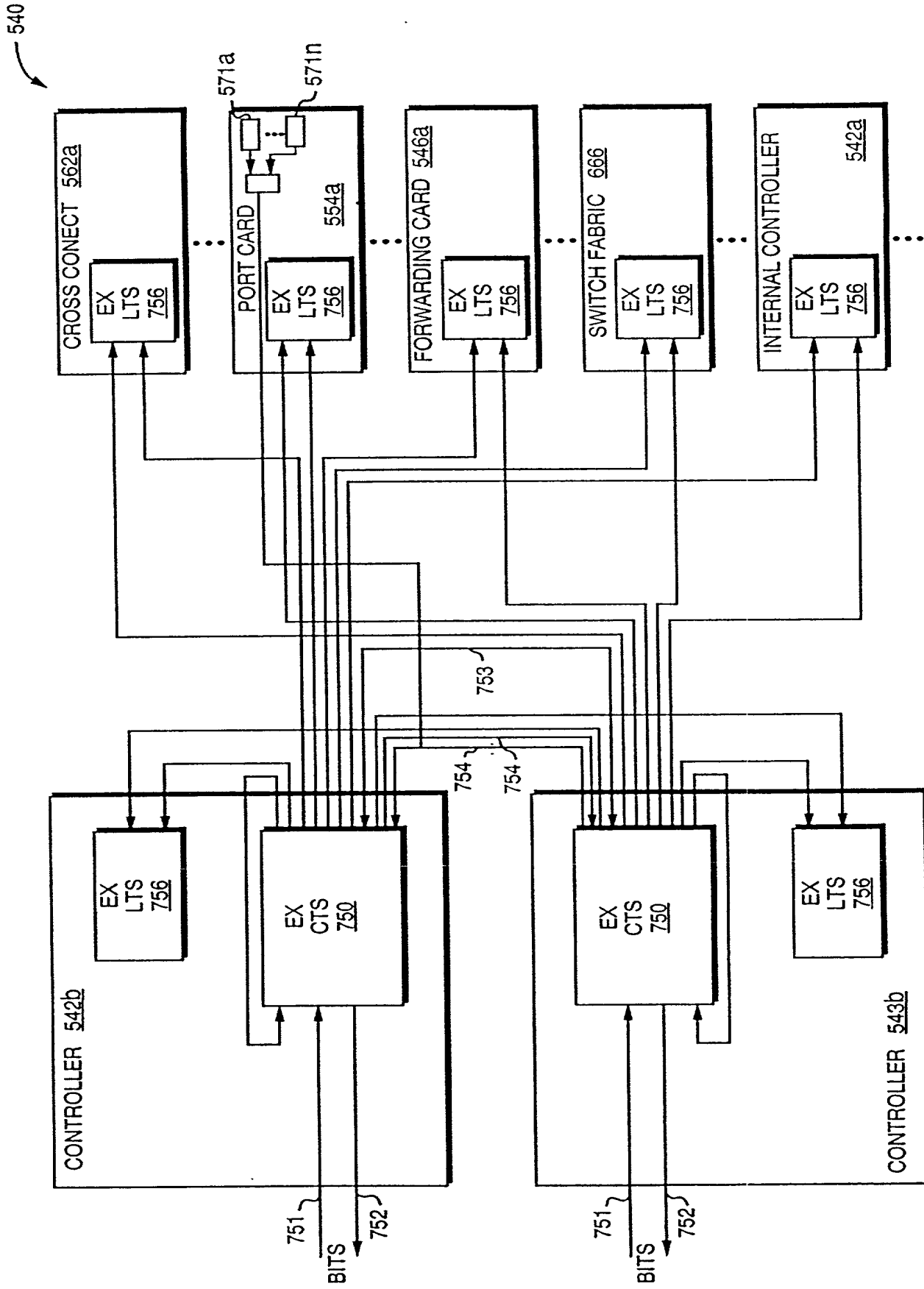


FIG. 49

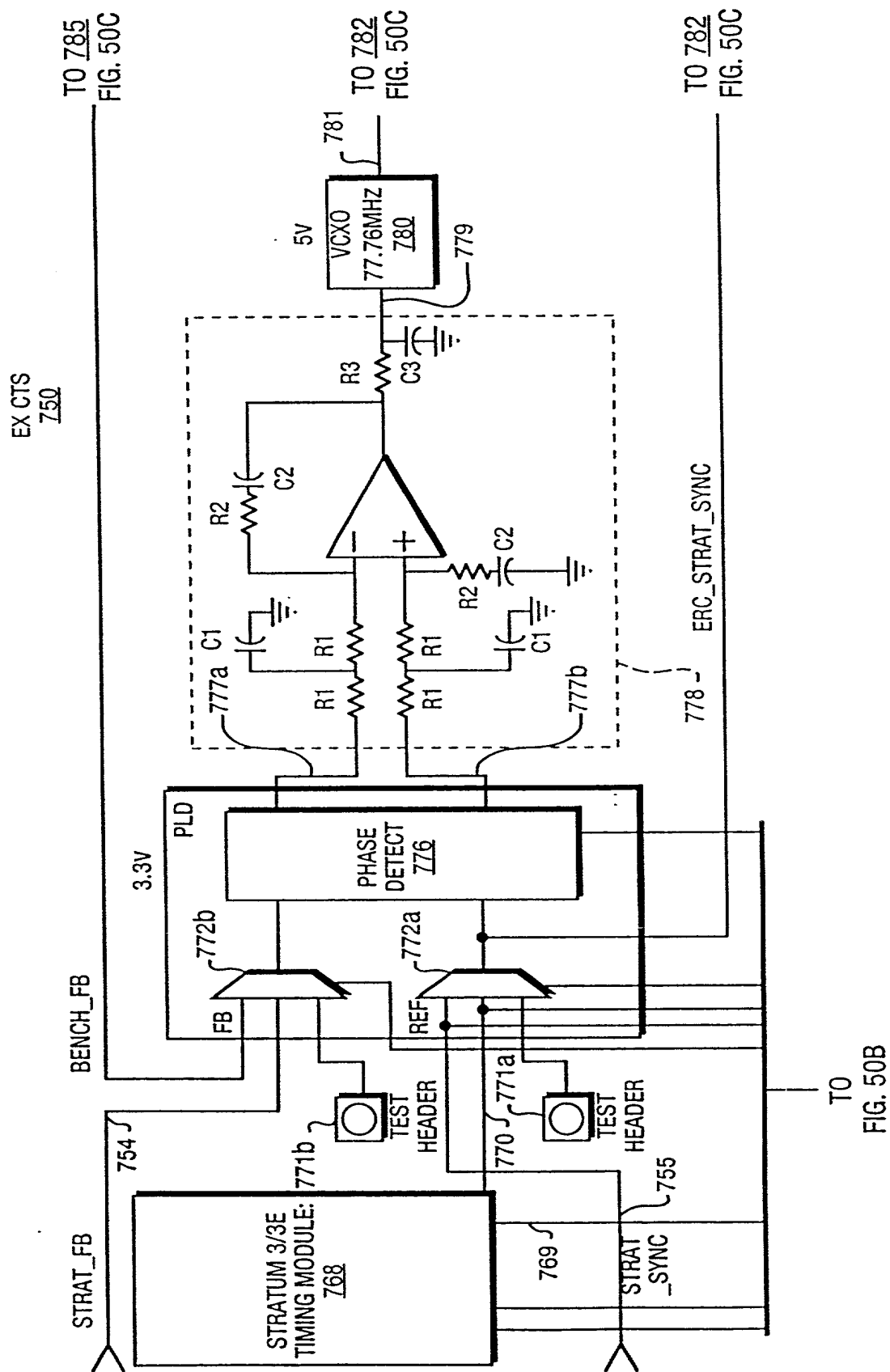


FIG. 50A

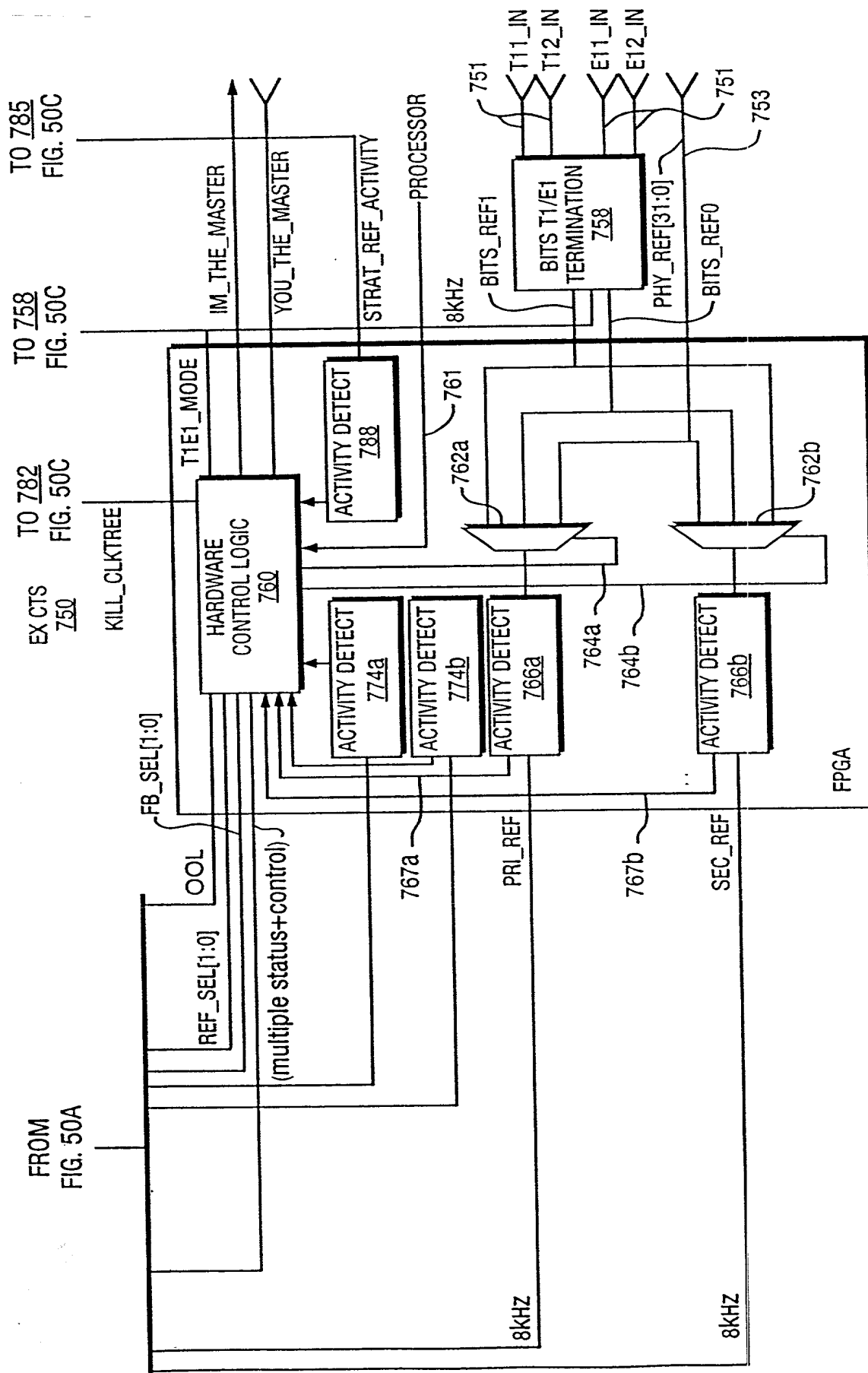
[illegible]

FIG. 50B

FOUO 9609260

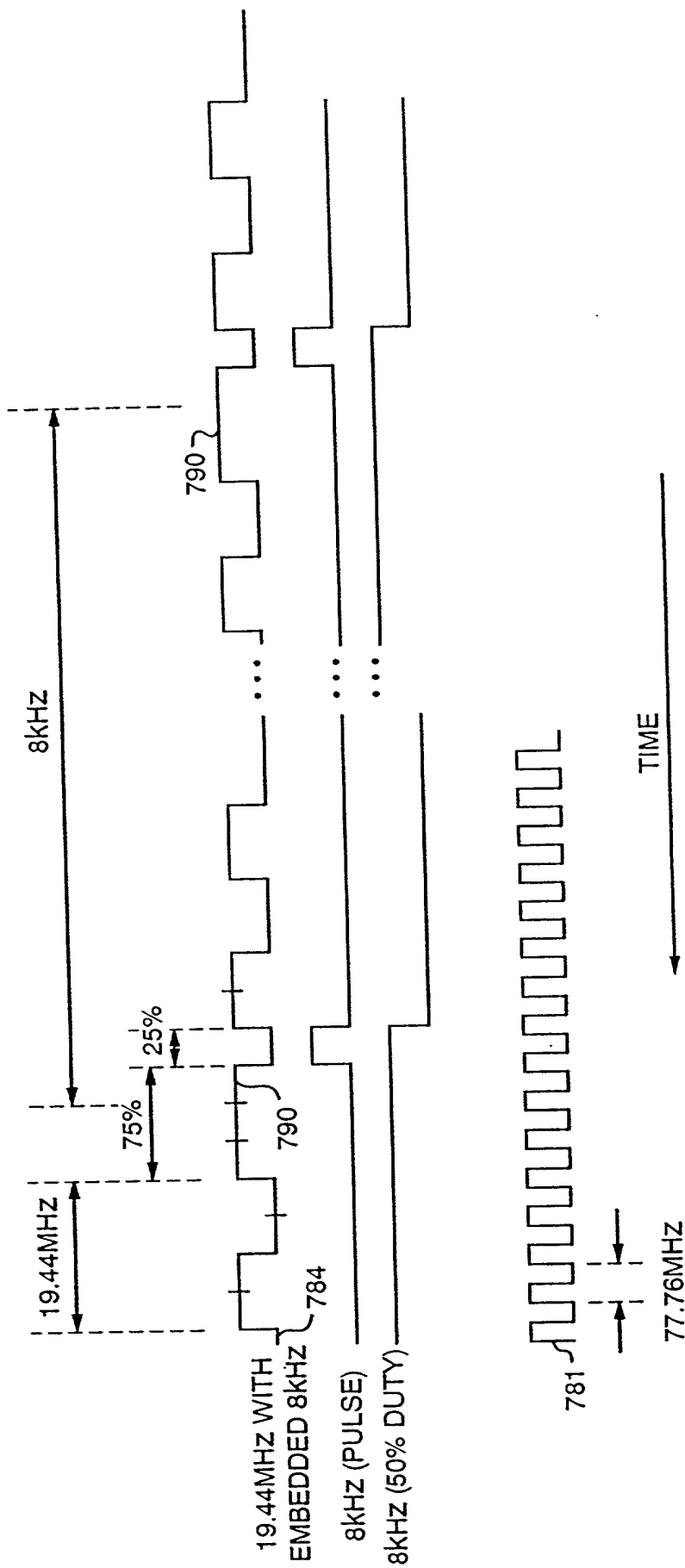


FIG. 51

FIG. 52

792

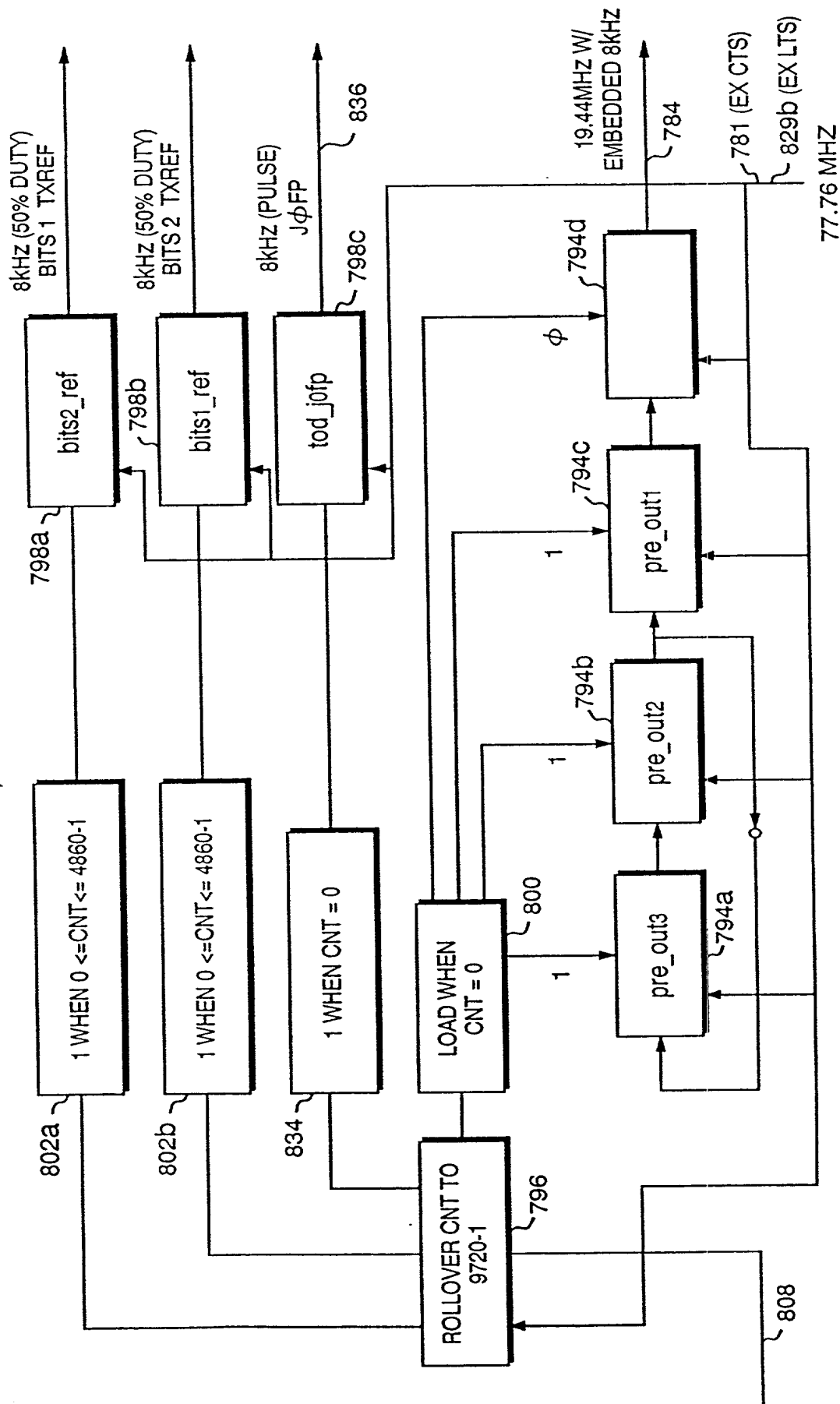


FIG. 52

FIG. 53

EXTRACTOR
804

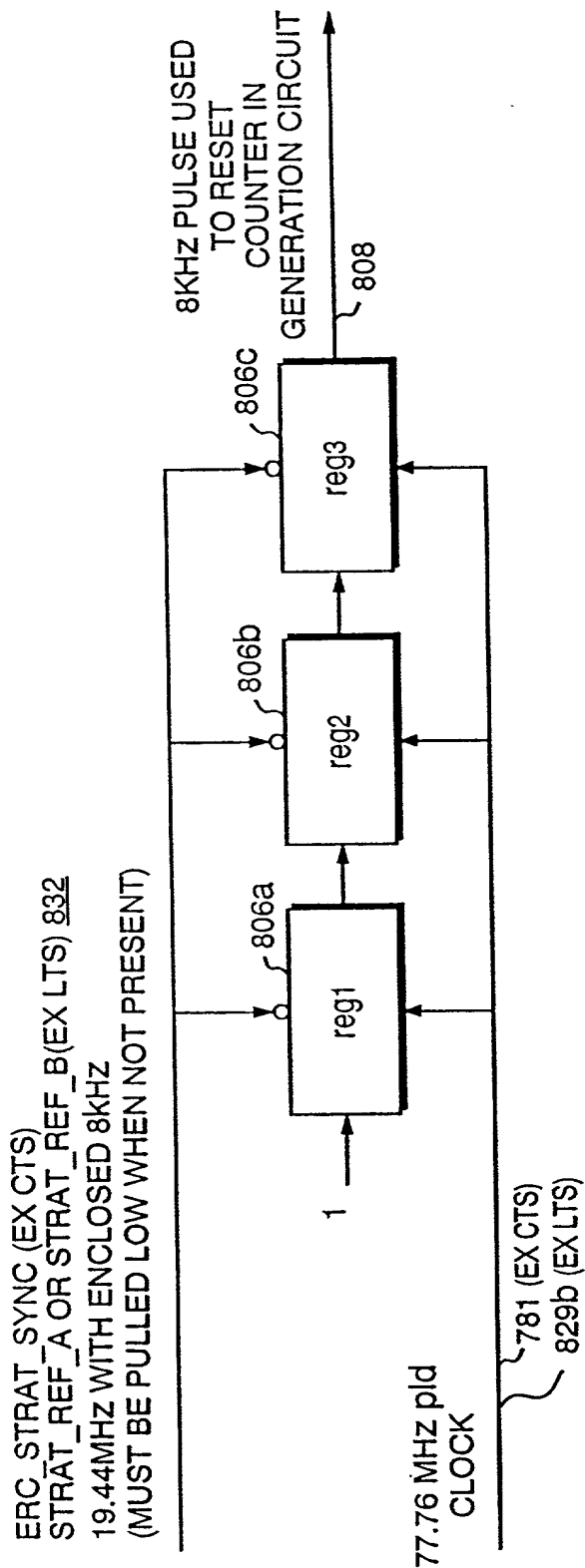


FIG. 53

102220" 9E69E460

EX LTS
756

TO 782
FIG. 54B

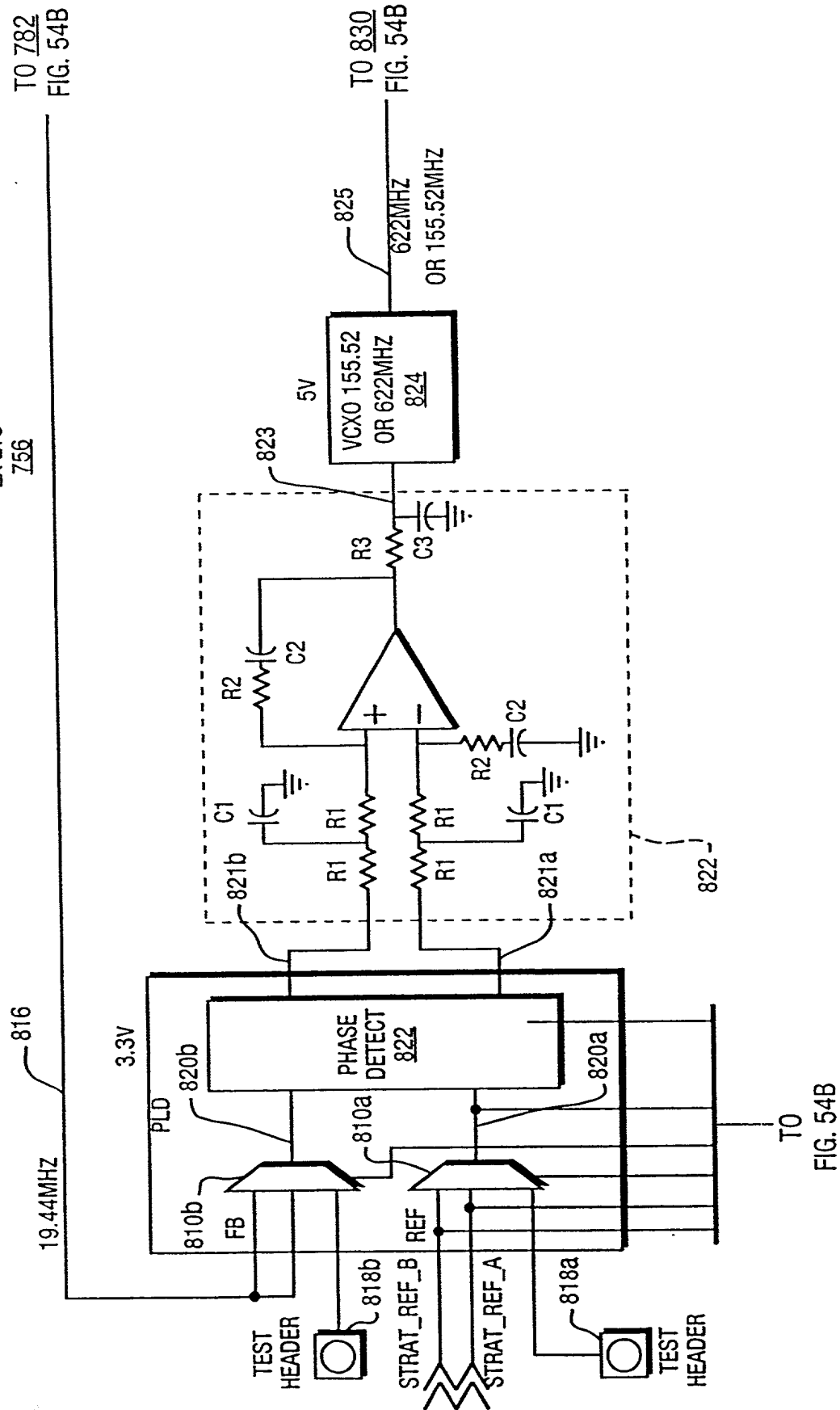


FIG. 54A

FIG. 54B

FIG. 54B

EXLTS
756

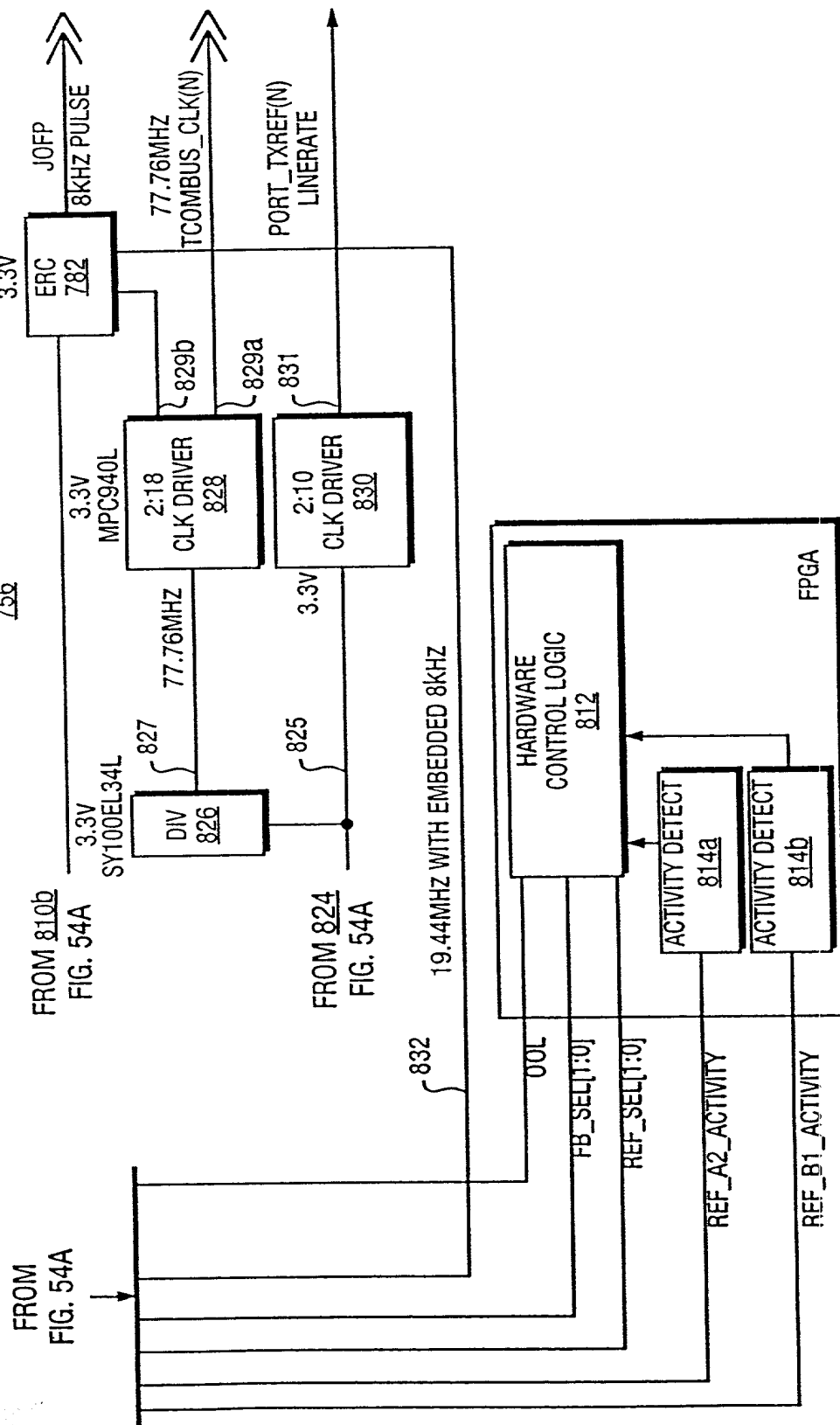
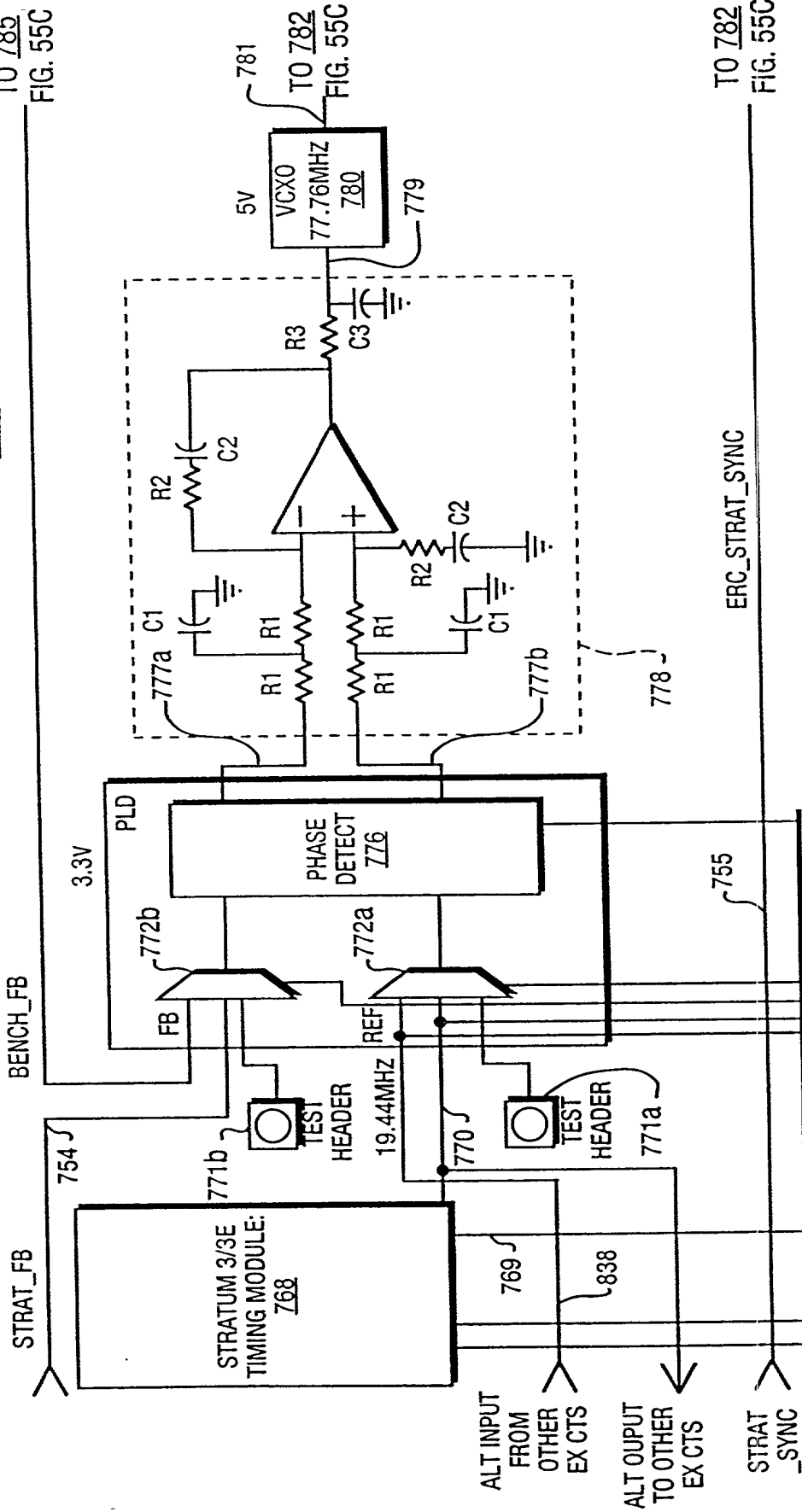


FIG. 54B

TO 780 92695260

EX CTS
750a

TO 785
FIG. 55C



TO 782
FIG. 55C

ERC_STRAT_SYNC

TO

FIG. 55B

FIG. 55A

102689-67

EX CTS
750a

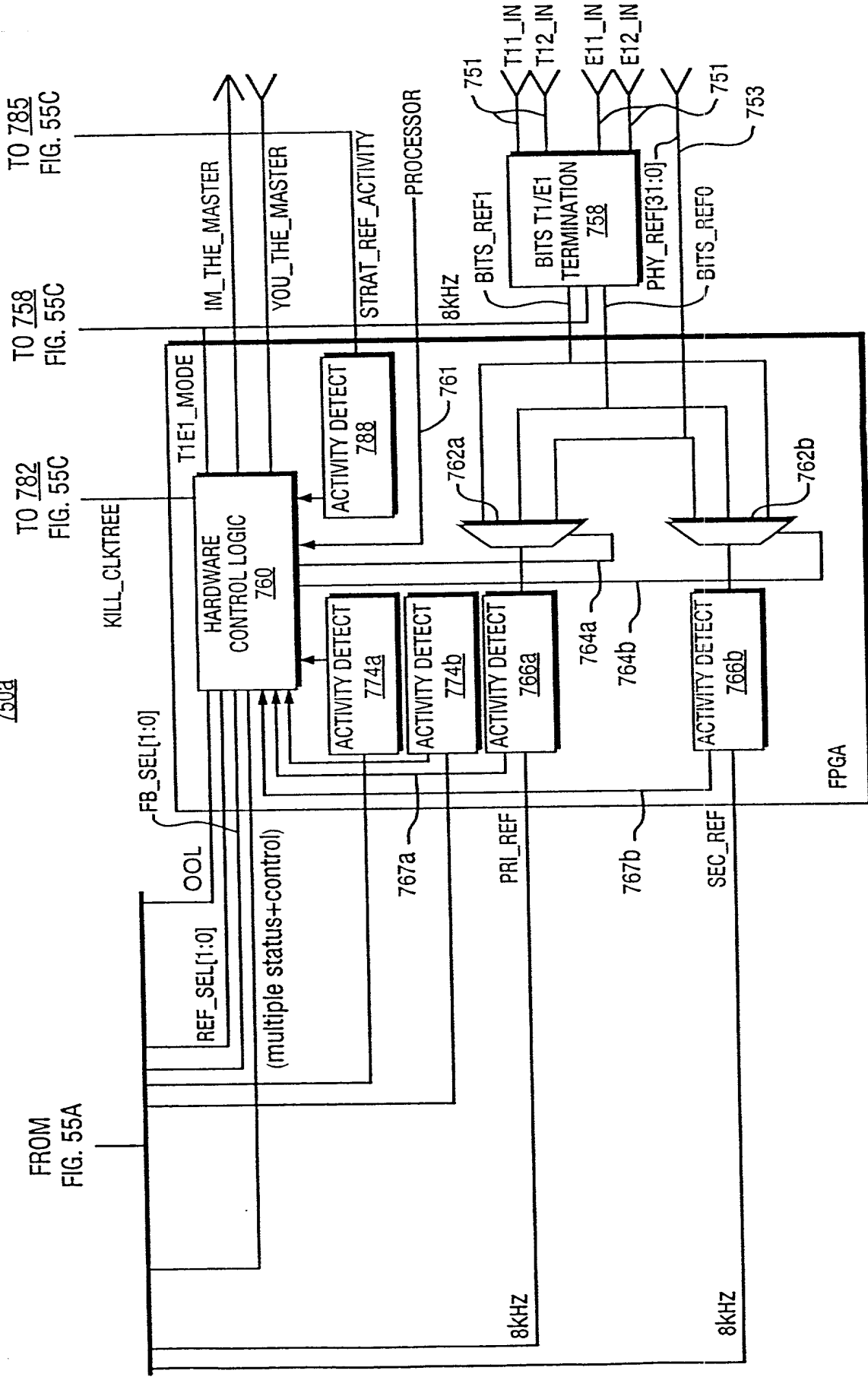


FIG. 55B

FIG. 55C

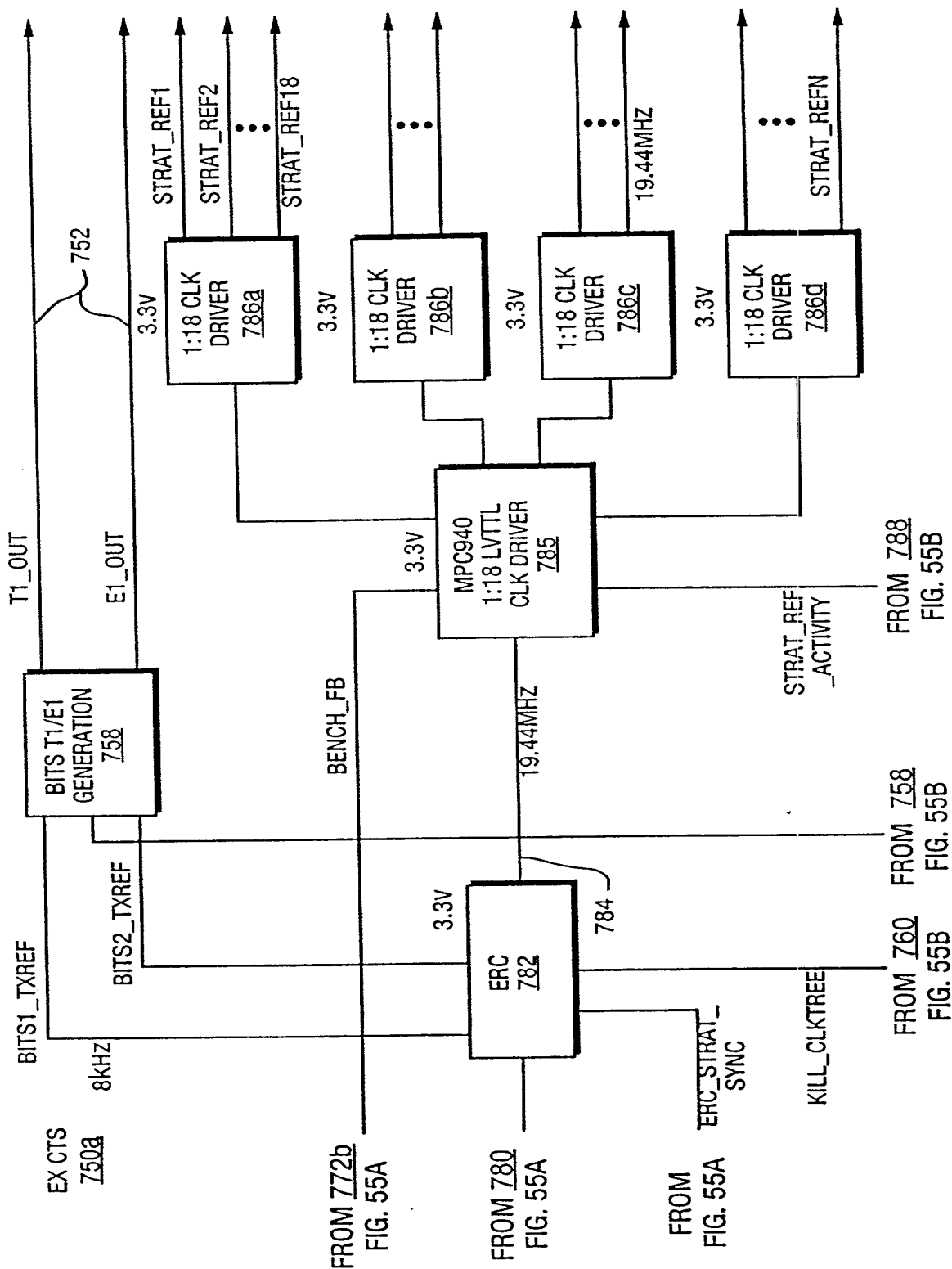


FIG. 55C

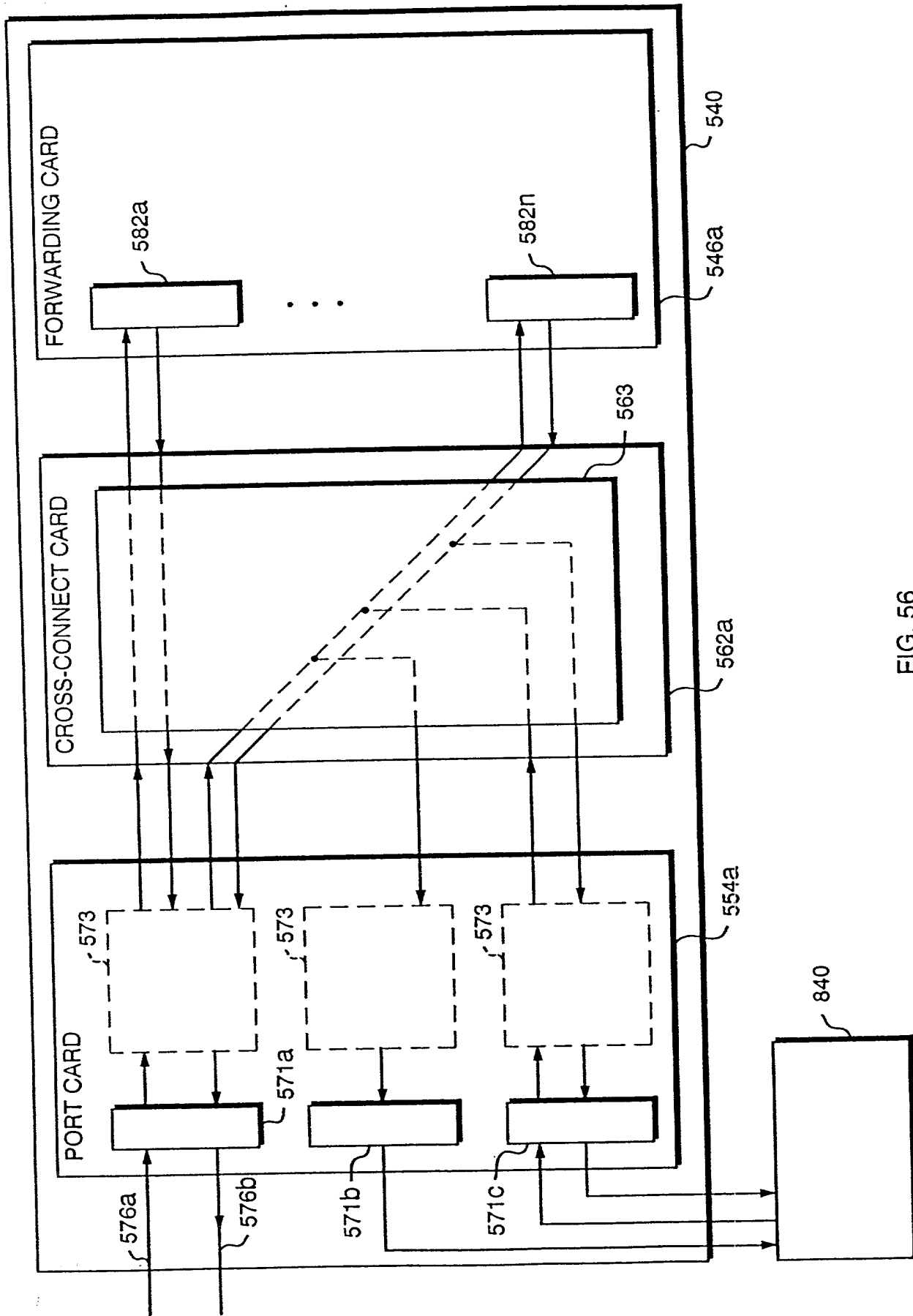


FIG. 56

FIG. 57

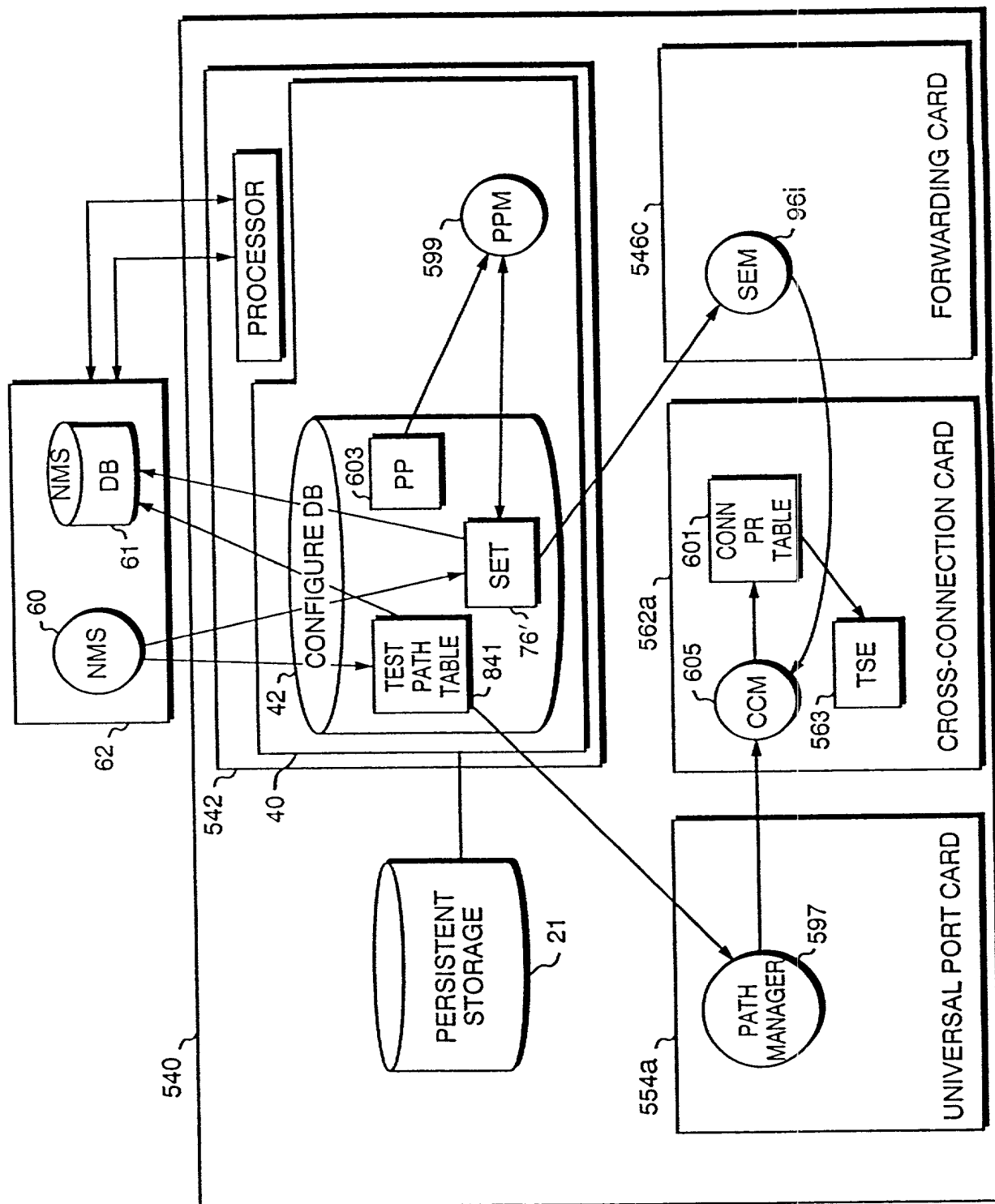


FIG. 57

102689-67

TEST PATH TABLE 841

842			844			845	
PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	MONITOR	ENABLE PORT RECEIVER		
1666	1232	4	3	INGRESS	NO		...
1666	1233	4	3	EGRESS	NO		
1666	1233	4	3	INGRESS	YES		
.
.
.

FIG. 58

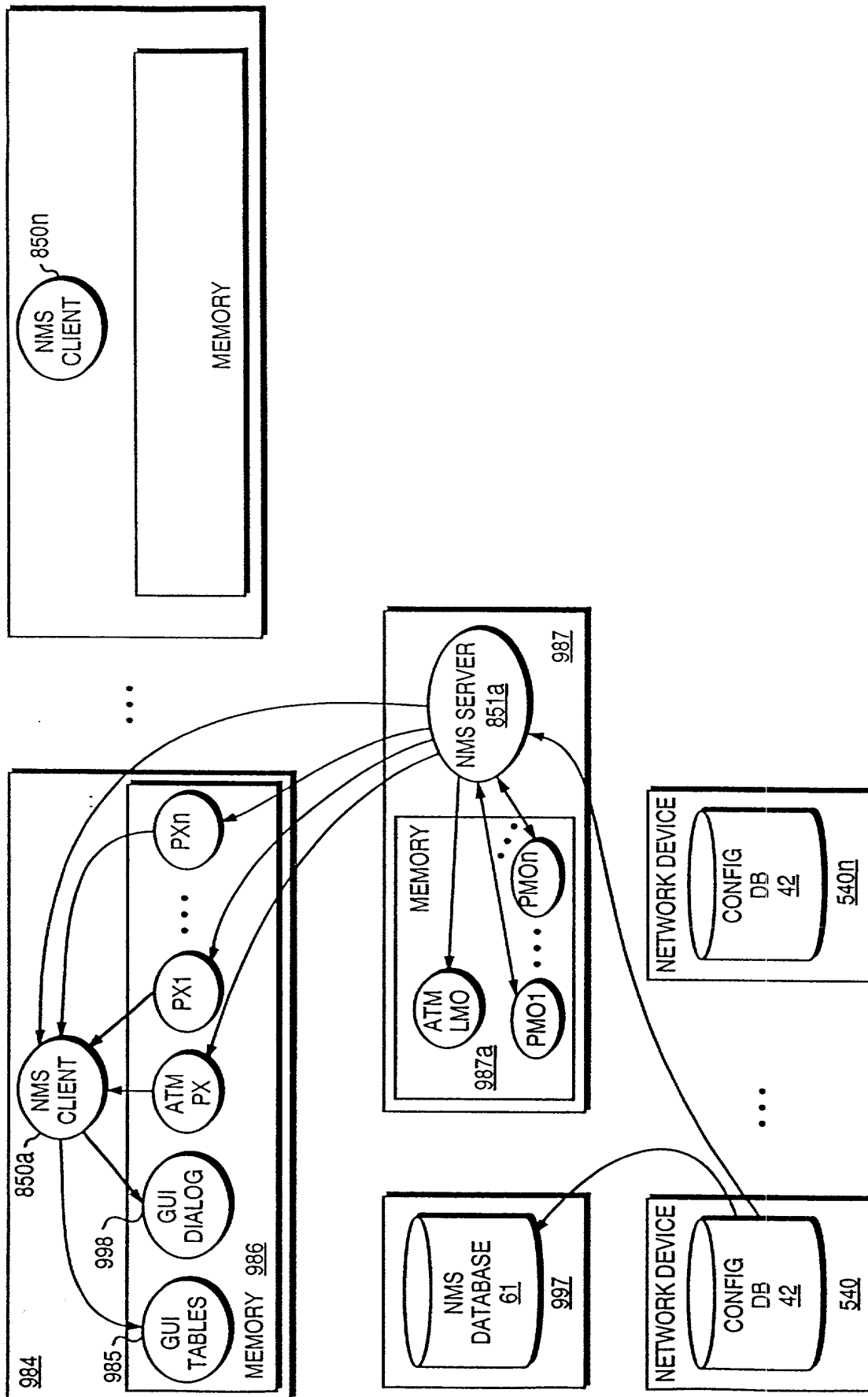


FIG. 59

MANAGED DEVICE TABLE 983

983b	PID	A1	...	An	
	1				983a

FIG 60A

CHASSIS TABLE 988

988b	PID	A1	...	An	MANAGED DEVICE PID	988c
	1				1	988a
	
	
	

FIG 60B

SHELF TABLE 989

989a	PID	A1	...	An	CHASSIS PID	989b
	3				2	
	4				2	
	
	
	
	18				2	

FIG 60C

SLOT TABLE 990

990a	PID	A1	...	An	SHELF PID	990b
990c	20				3	
	21				3	
	
	
990d	116				18	

FIG 60D

102689-67

CARD TABLE 47'

47a	47b			
	PID	CWD TYPE	VERSION NO.	SLOT PID
	120	0XF002	3	20
	121	0XF002	4	21
	⋮	⋮	⋮	⋮
	124	0X6002	1	24
	⋮	⋮	⋮	⋮
	131	0XF002	1	31
	⋮	⋮	⋮	⋮

FIG 60E

PORT TABLE 49'

49a	49b			
	PID	PORT TYPE	VERSION NO.	CARD PID
	300	00620	1	20
	301	00620	1	20
	302	00620	1	20
	303	00620	1	20
	304	00820	1	20
	⋮	⋮	⋮	⋮
	400	00620	1	39
	⋮	⋮	⋮	⋮

FIG 60F

SONET PATH TABLE 600'

600a	600b			
	PATH LID	PORT LID	TIME SLOT	# OF TIME SLOTS
	901	304	4	3
	⋮	⋮	⋮	⋮

FIG. 60G

SERVICE ENDPOINT TABLE 76''

76a	76c		76d		76e		76b	
	SE LID	Q #	FC PID	FC SLICE PID	FC TIME SLOT	PATH LID	...	
	3000					901		
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	

FIG. 60H

ATM IF TABLE 114''

114a	114b		
	ATM IF LID	ATM GROUP LID	SE LID
	5054		3000
	⋮	⋮	⋮

FIG. 60I

VIRTUAL ATM IF TABLE 993

993a	LID	A1	...	An	993b ATM IF LID
	7489				5054
	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮

FIG 60J

VIRTUAL CONNECTION TABLE 994

994a	LID	A1	...	An	994b VIR. ATM IF LID
	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮

FIG 60K

VIRTUAL LINK TABLE 995

995a	LID	A1	...	An	995b VIR. CONN. LID	995c CROSS. CONN. LID
	⋮	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮	⋮

FIG 60L

CROSS-CONNECT TABLE 996

996a	LID	A1	...	An	996b VIR. LINK1 LID	996c VIR. LINK2 LID
	⋮	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮	⋮	⋮

FIG 60M

ATM NODE TABLE 999

999a	LID	A1	...	An	999b MANAGED DEVICE PID	999c
	5000				1	

FIG 60N

PHYSICAL MANAGED OBJECT 991

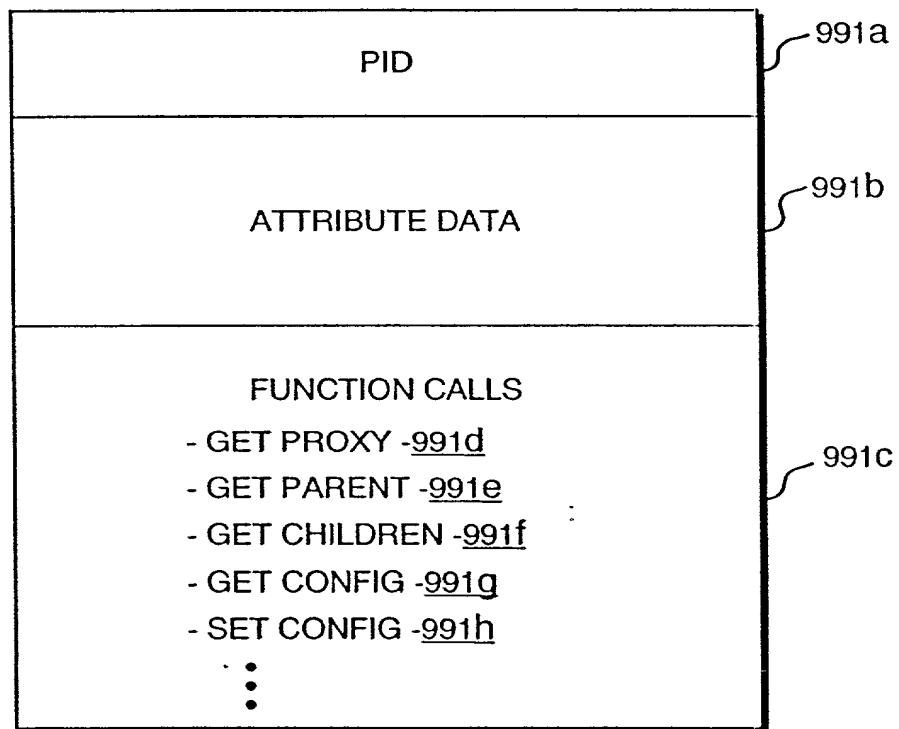


FIG. 61A

PROXY 992

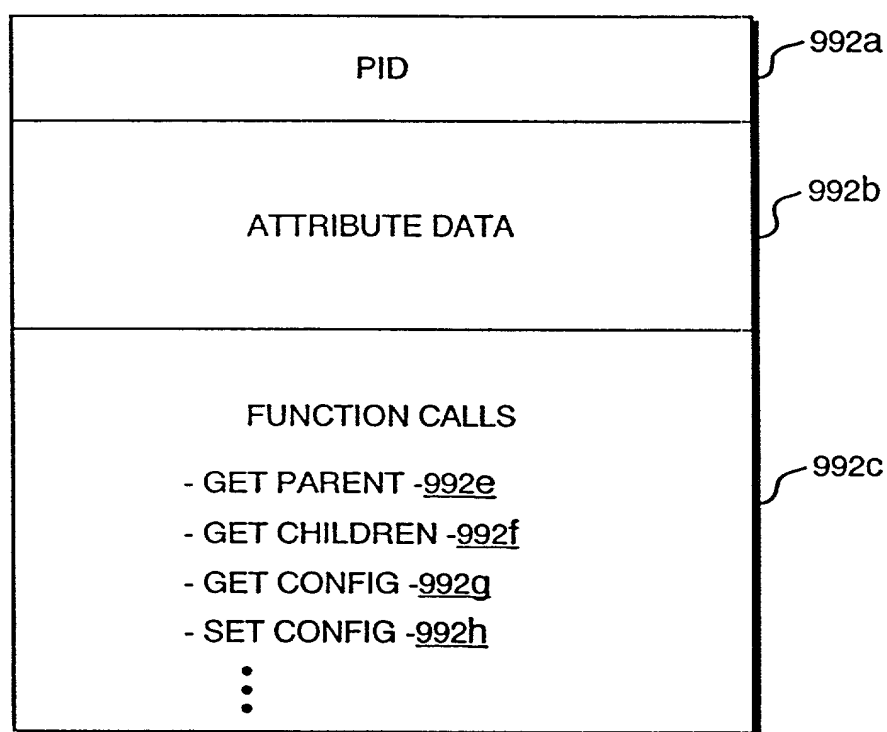


FIG. 61B

FOUO 92695260

997

EvailNet Manager: Modify SONET Path - Shelf 11/Slot4/Port 1

System: 192.168.9.202

SONET Path Parameters

Path Name

Path1_11/4/1

Path Number

1

Path Width

STS-3c

Path Type

Terminated-ATM

Connection Information

Connected SONET Path

Paths...

☒ None

☐ Specific

ATM Interface Name

Modules

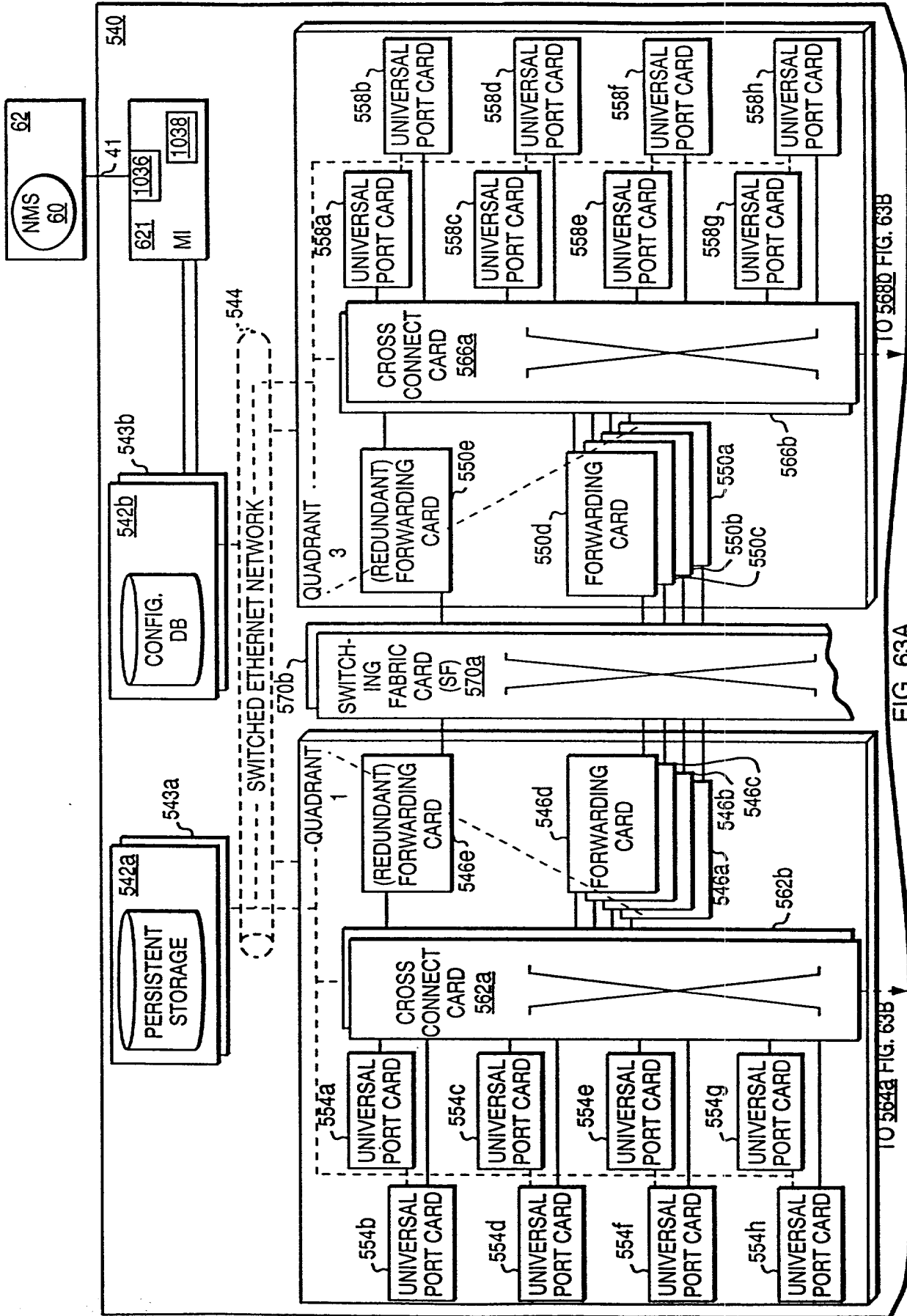
OK

Cancel

998b 997a

FIG. 62

FOUO 92695260



FOI/280" 92695260

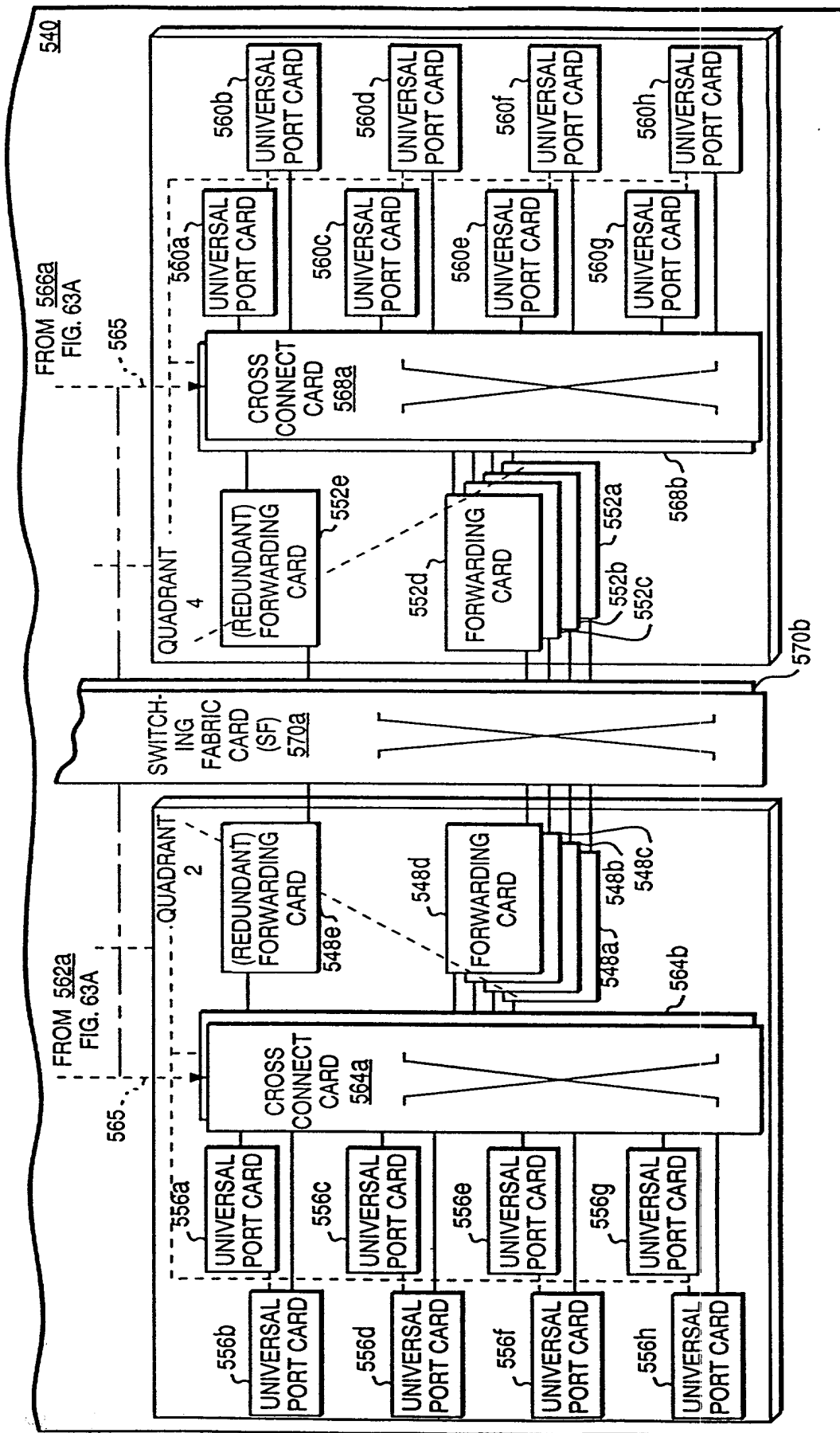


FIG. 63B

FOR OFFICIAL USE ONLY

ADMINISTRATION MANAGED DEVICE TABLE 1014'

1014a'		1014e'					1014f'	
LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD	PHYSICAL ID
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3	
.
.
.

FIG. 64

FIG. 65

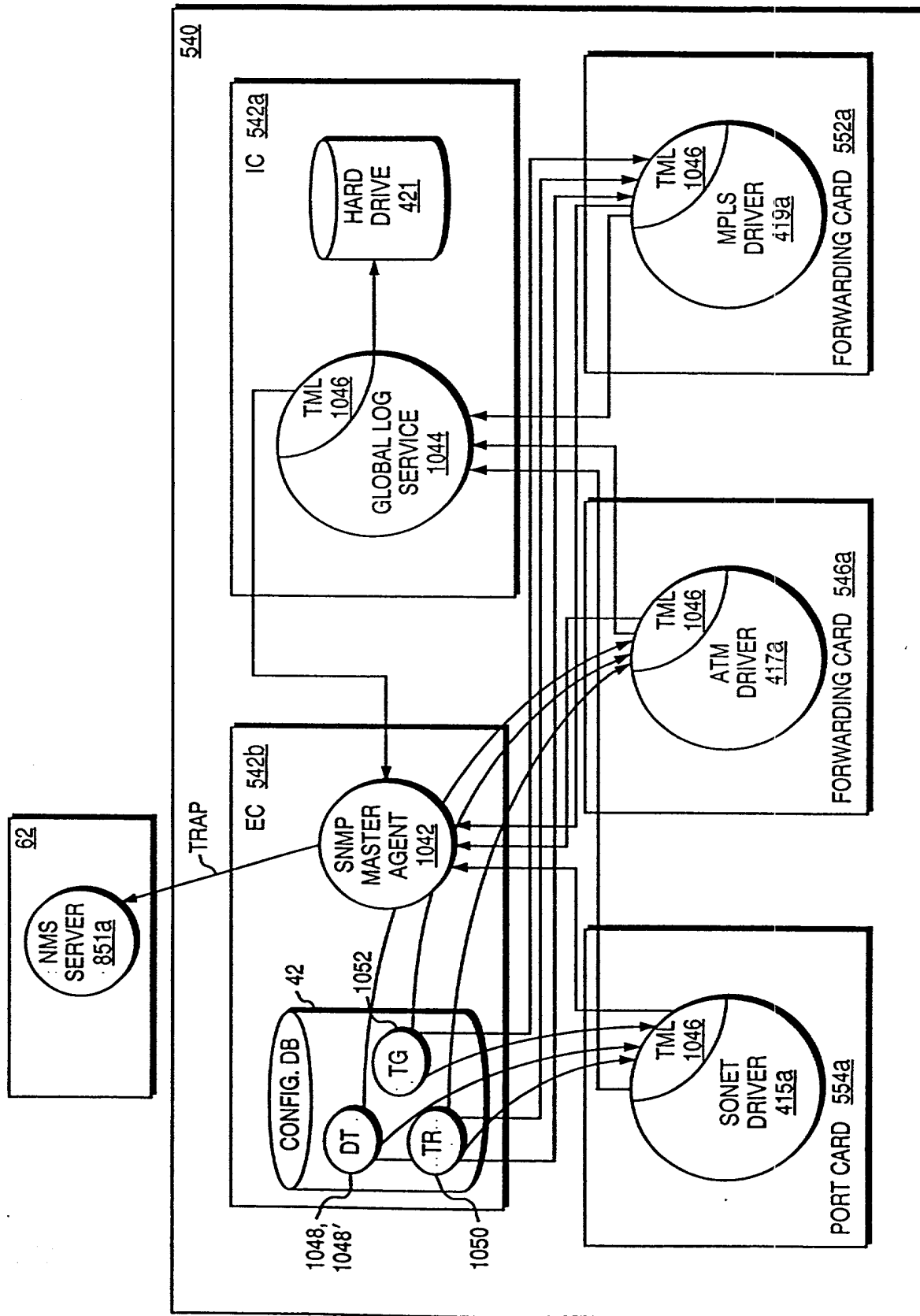


FIG. 65

FIG. 66A

895

1054

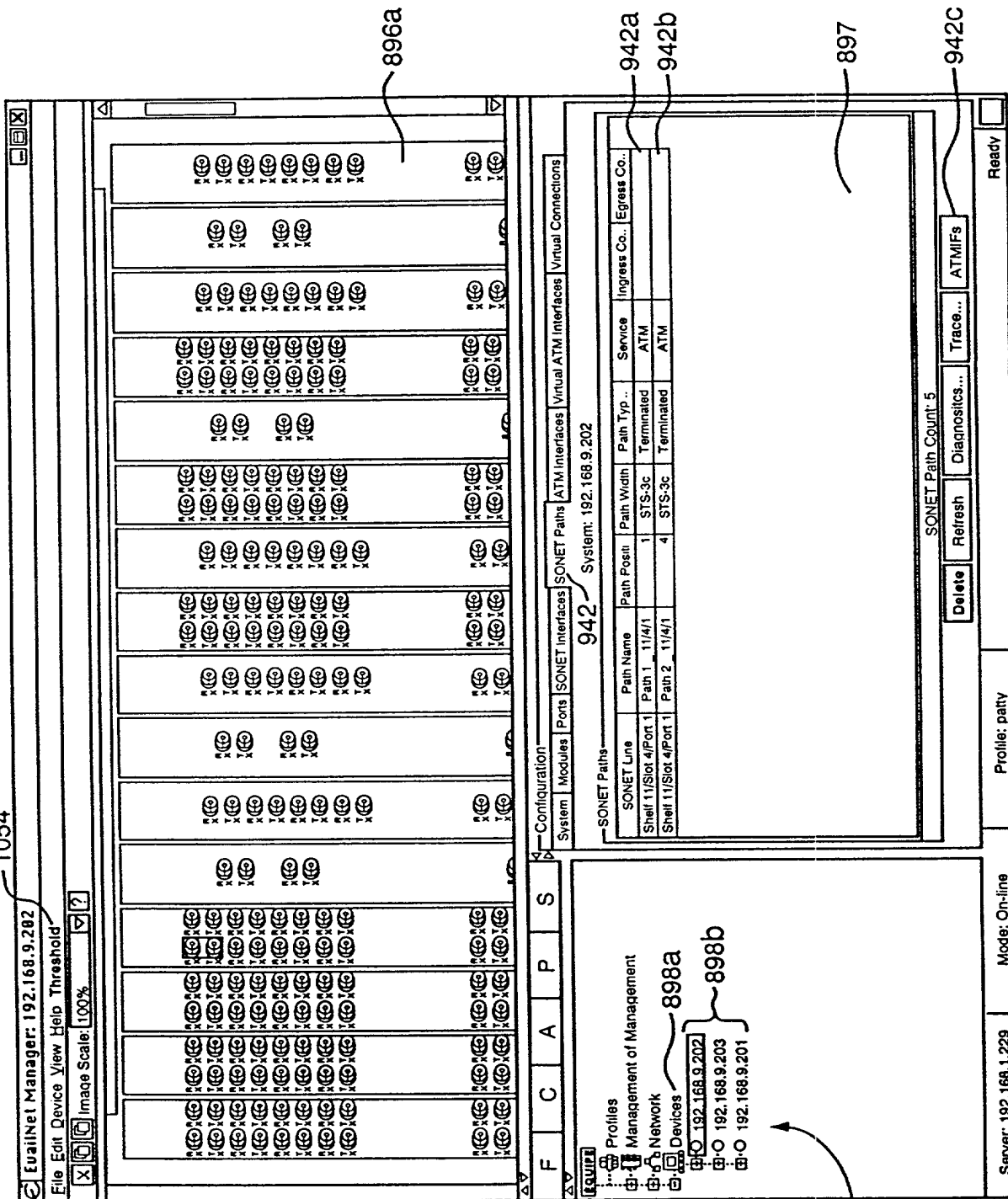


FIG. 66A

FIG. 66A

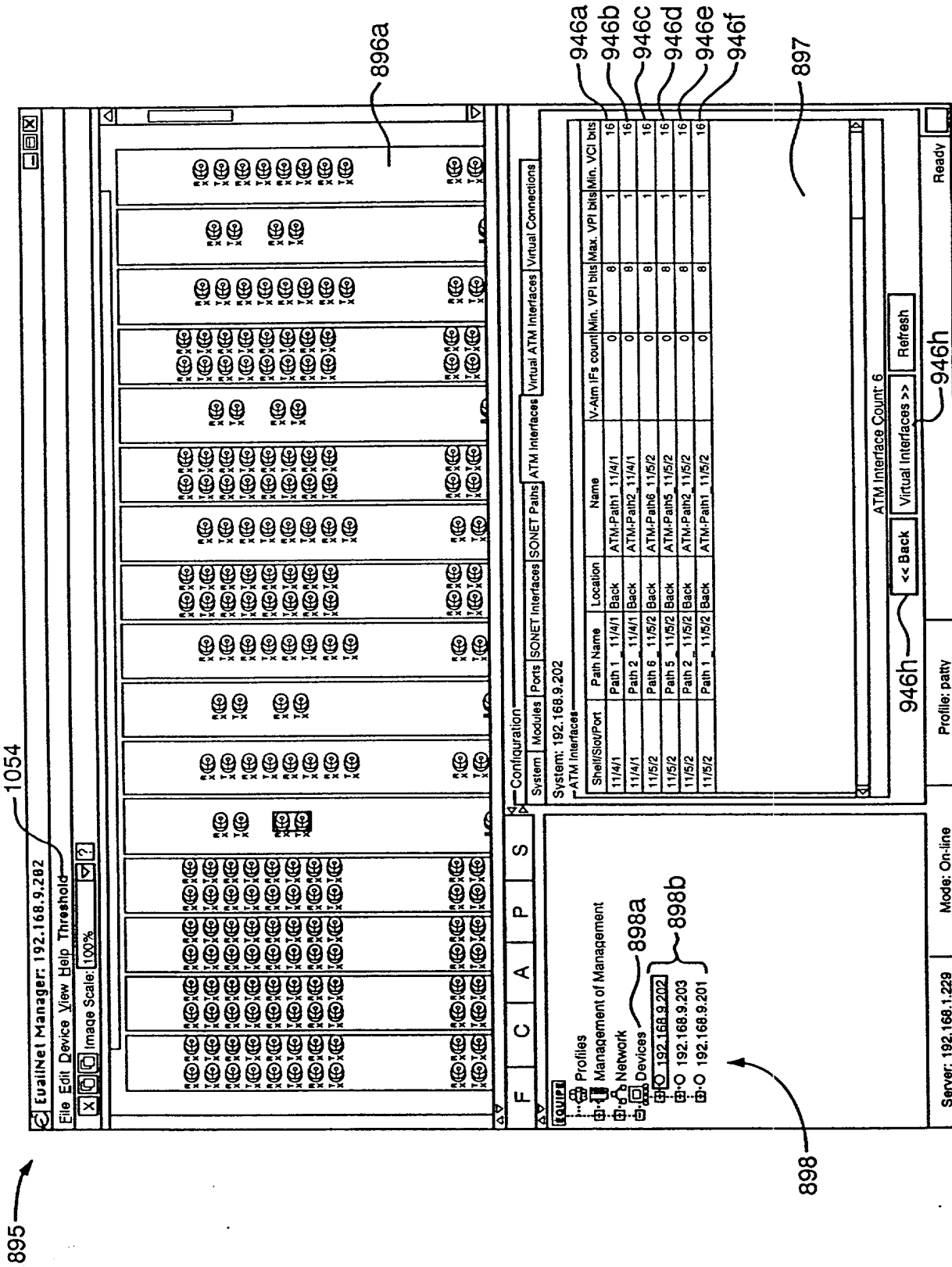


FIG. 66B

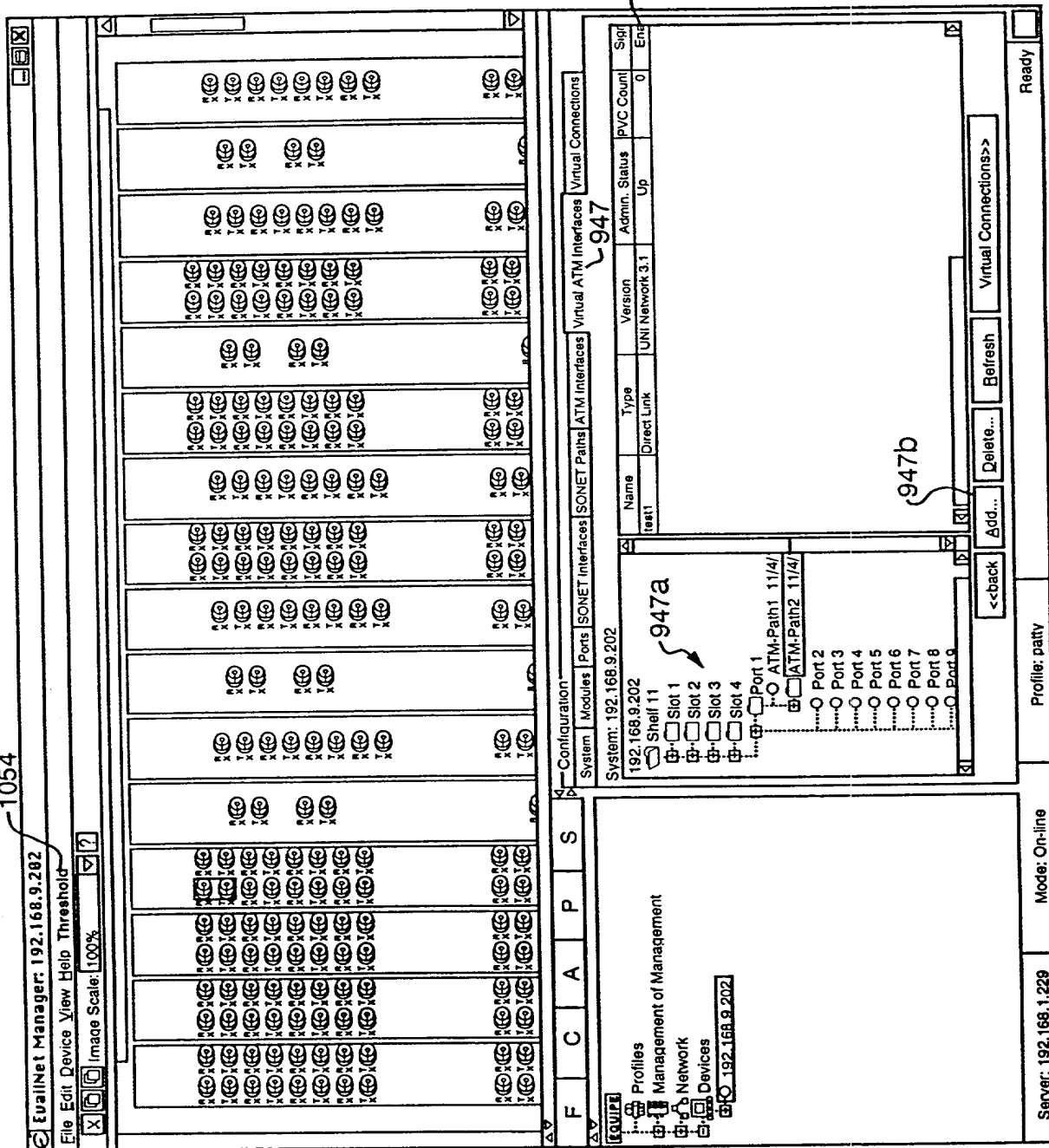
102689-67

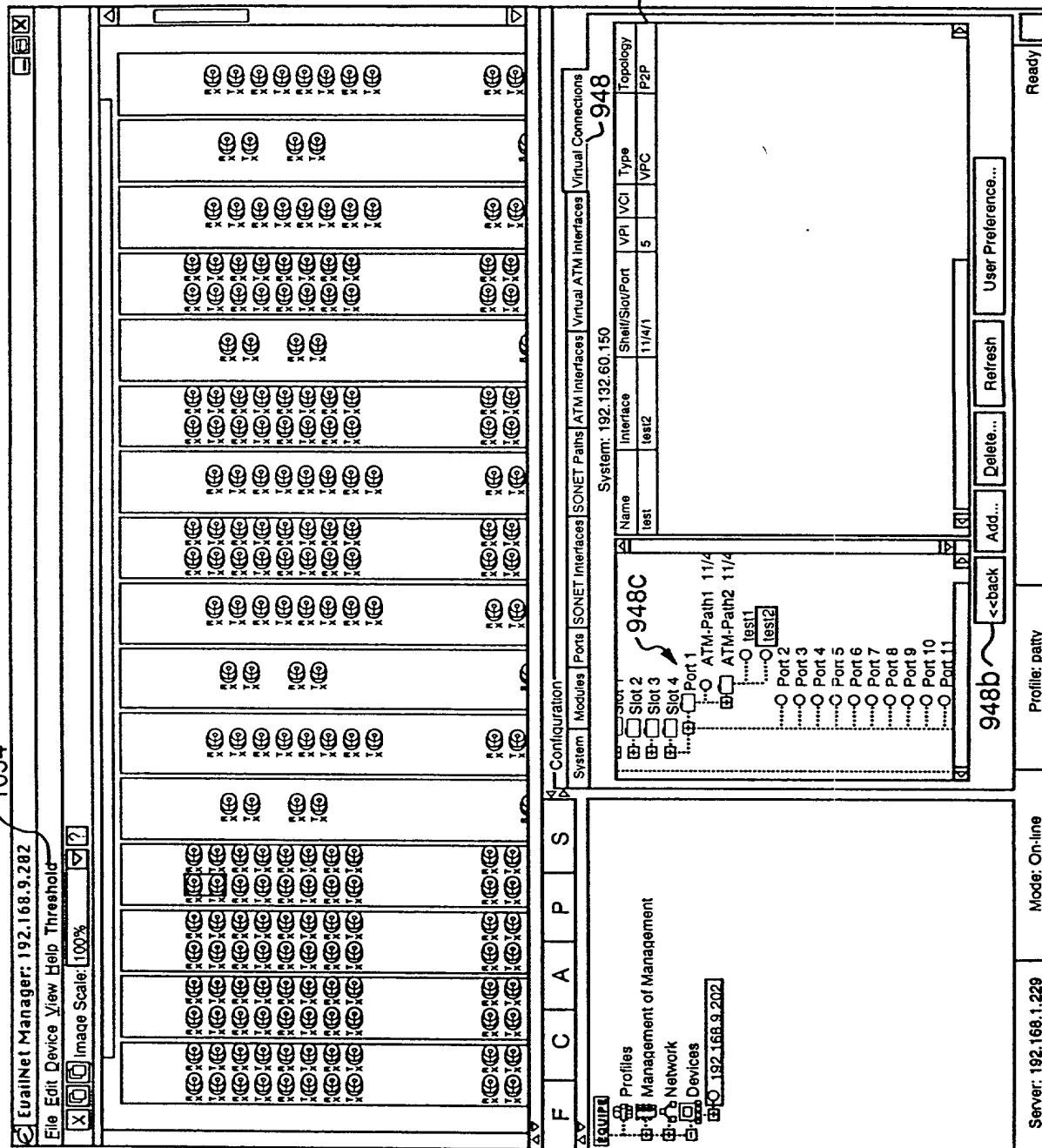
895

1054

947C

FIG. 66C





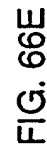


FIG. 66E

FIG. 67

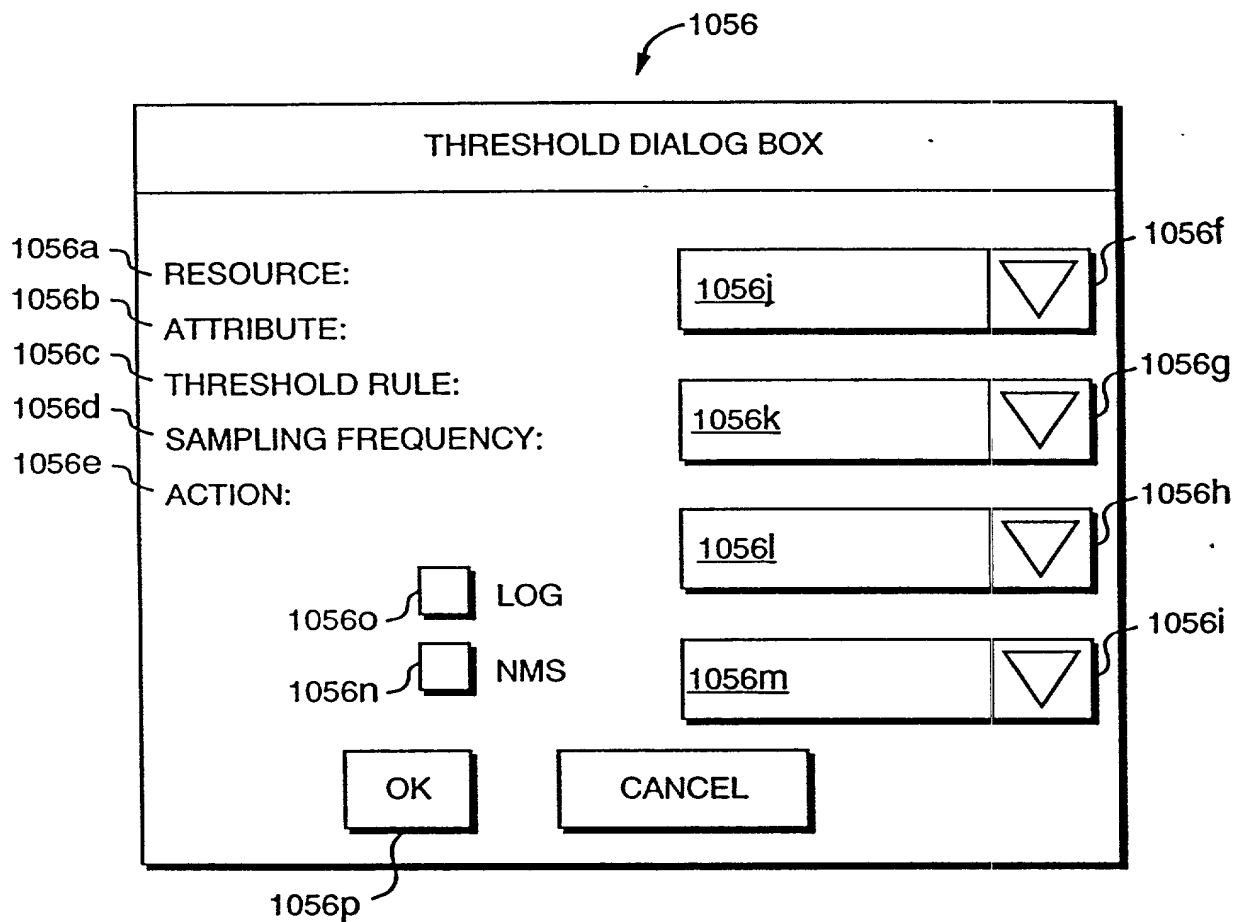


FIG. 67

10/28/00 09:59:26

DYNAMIC THRESHOLD TABLE 1048

1048a RESOURCE ID	1048c ATTRIBUTE	1048d SAMPLING FREQ.	1048e ACTION	1048f RULE
1048g 901	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR > 10
	PATH ERRORS (PATH END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR > 10
	• • •	• • •	• • •	• • •
5054	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
1048h 5054	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
	• • •	• • •	• • •	• • •
	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
7312	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0
	• • •	• • •	• • •	• • •

FIG. 68

FD-280 (Rev. 12-60)

DYNAMIC THRESHOLD TABLE 1048'

1048a'	1048b'	1048c'	1048d'	1048e'	1048f'
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR > 10
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR > 10
.
.
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
8433	ATM IF	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
.
.
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0
.
.

FIG. 69A

THRESHOLD GROUP TABLE 1052

1052a	RESOURCE ID	THRESHOLD GROUP LID	1052b
	901	8312	
	902	8313	
	903	8312	
	⋮	⋮	
	5054	8433	
	⋮	⋮	
	7312	8542	

FIG. 69B

T02230" 22695260

DYNAMIC THRESHOLD TABLE 1048''

1048a''	1048b''	1048c''	1048d''	1048e''	1048f''	1048g''	1048h''	1048i''	1048j''	1048k''	1048l''	1048t''
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE LID	VARIAB. a	VARIAB. b	VARIAB. c	VARIAB. d	VARIAB. e	VARIAB. f	VARIAB. n
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	9421	10						
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	9422	5	10					
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	9422	5	10					
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	9423	8	8:00am	7:00pm	2	7:00pm	8:00am	
8433	ATM IF	HCS ERRORS	12 min	TRAP	9421	13						
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	9424	4						
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	9425							
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 70A

THRESHOLD RULE TABLE 1050

1050a	RULE LID	EXPRESSION	1050b
1050c	9421	IF ATTRIBUTE > a	
	9422	IF ATTRIBUTE < a OR > b	
	9423	IF ATTRIBUTE > a BETWEEN b-c OR > d BETWEEN e-f	
	9424	IF ATTRIBUTE < a	
	9425	IF ATTRIBUTE = 0	
	9426	RMON	
	9427	FOE	
	9428	IF ATTRIBUTE < a GO TO RULE LID b	
	⋮	⋮	

FIG. 70B

T02230" 9655240

DYNAMIC THRESHOLD TABLE 1048"

THR. GROUP	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE LID	VARIAB. a	VARIAB. b	VARIAB. c	VARIAB. d	VARIAB. e	VARIAB. f	VARIAB. ...	VARIAB. n	ACTIVE/ INACTIVE
1048a'''	1048b'''	1048c'''	1048d'''	1048e'''	1048f'''	1048g'''	1048h'''	1048i'''	1048j'''	1048k'''	1048l'''	1048m'''	1048n'''	1048w'''
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	9421	10								
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	9422	5	10							
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	9422	5	10							
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	9423	8	8:00am	7:00pm	2	7:00pm	8:00am			
8433	ATM IF	HCS ERRORS	12 min	TRAP	9421	13								
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	9424	4								
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	9425									
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8588	HARD DRIVE	UNUSED DISK SPACE	5 min	LOG	9428	80	9424							ACTIVE
8588	HARD DRIVE	UNUSED DISK SPACE	30 sec	TRAP	9424	20								INACTIVE

FIG. 71

FO/2280" 96695260

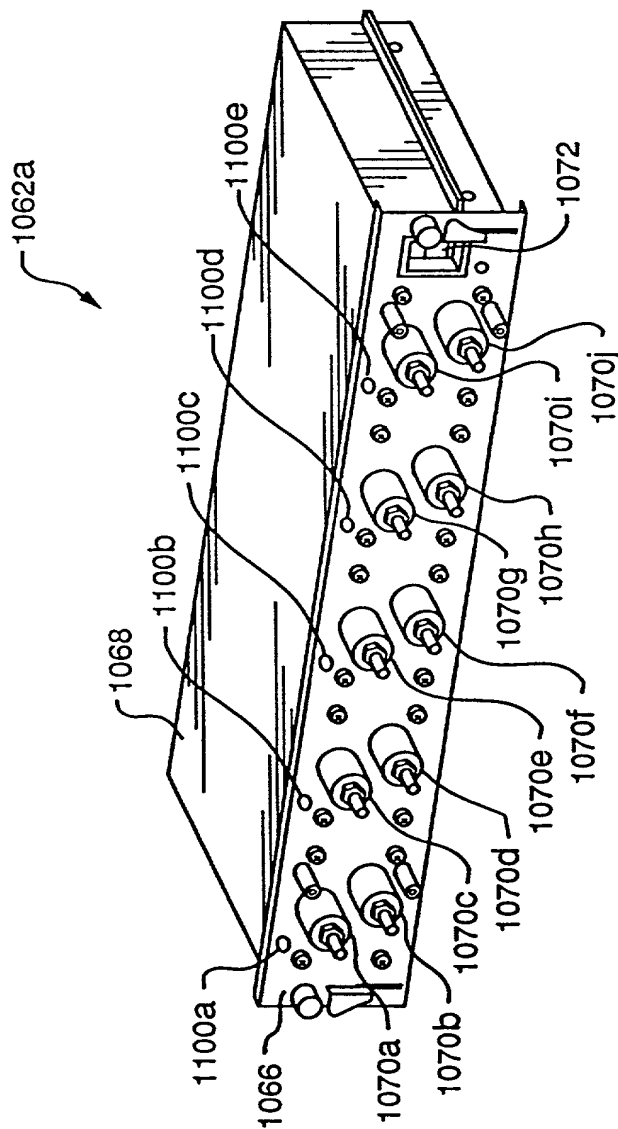


FIG. 72A

10/22/2009 09:59:46

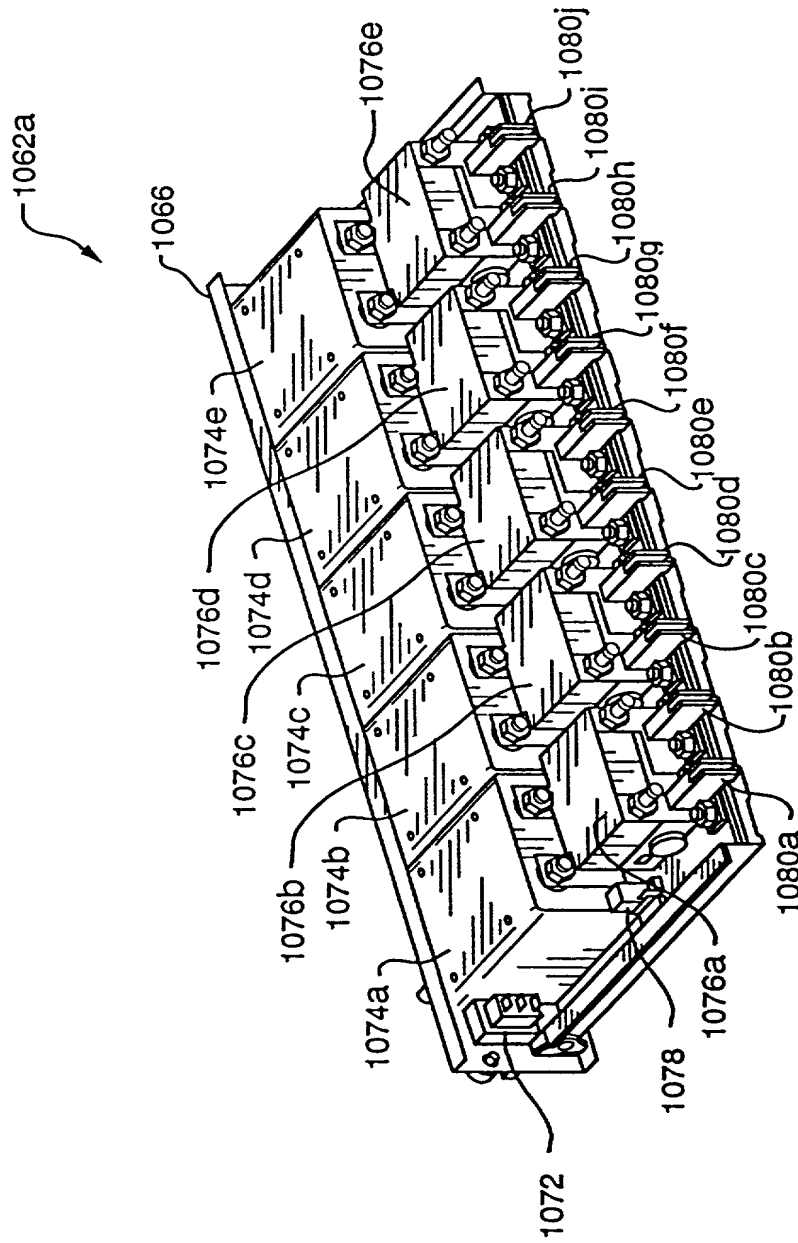


FIG. 72B

FIG. 73A

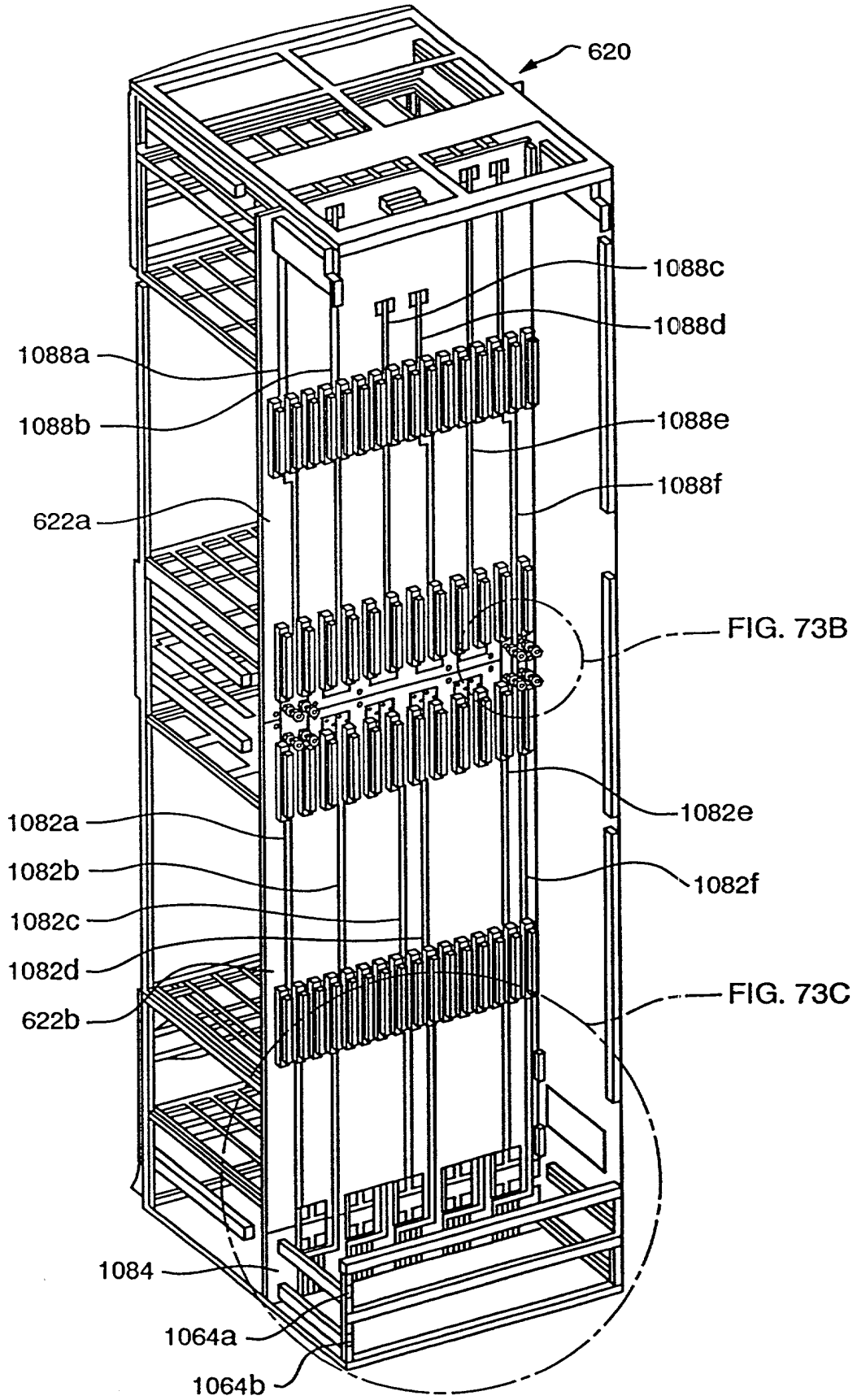


FIG. 73A

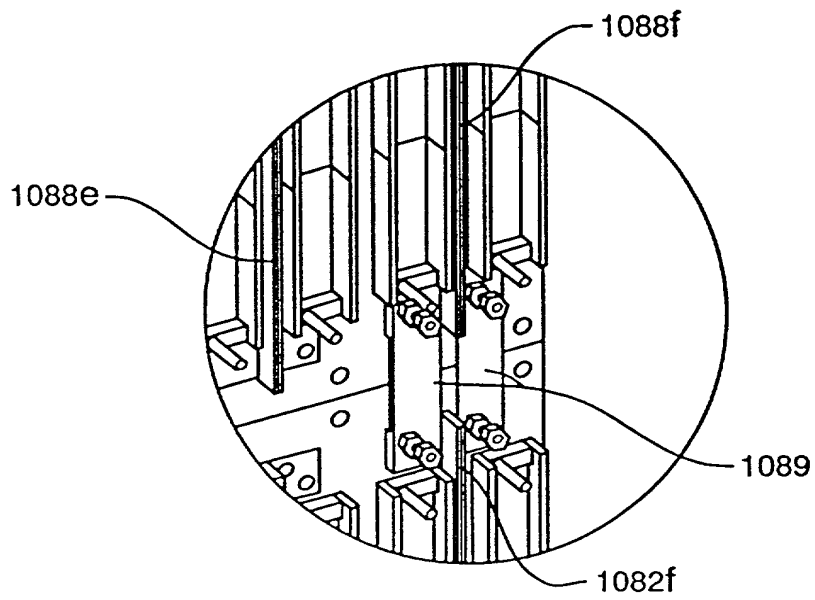


FIG. 73B

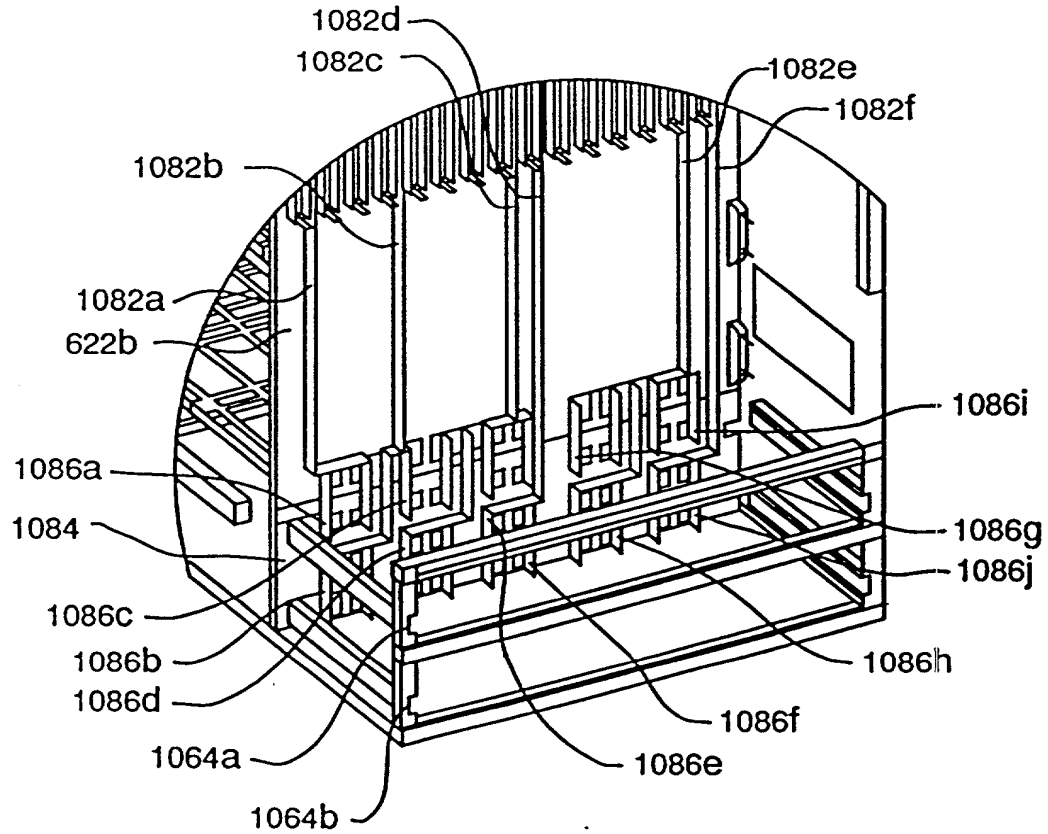


FIG. 73C

TOP SECRET

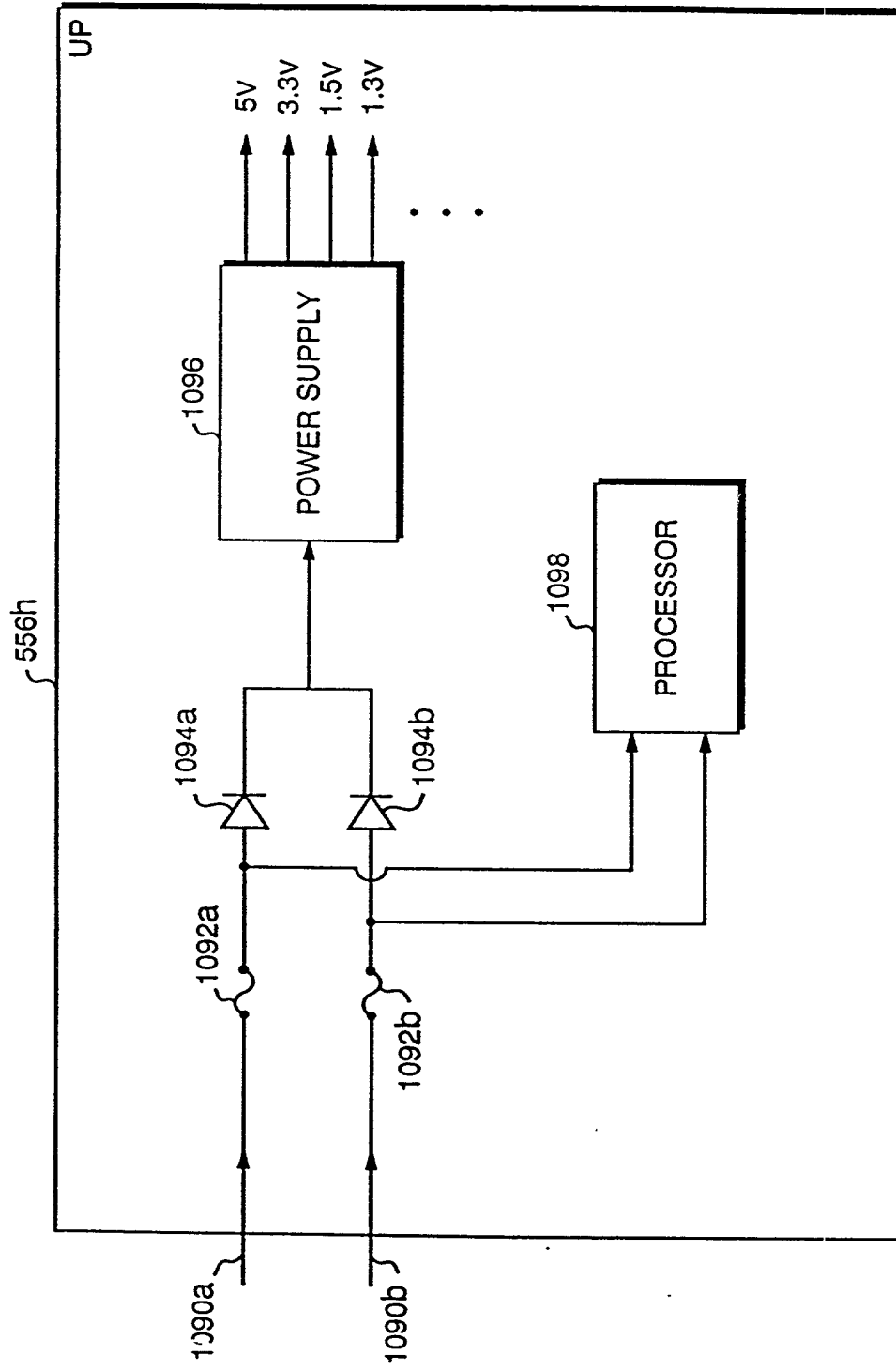


FIG. 74